

ensus
81
920
526
ash.

Reference Copy

DEPARTMENT OF COMMERCE

BUREAU OF THE CENSUS

SAM. L. ROGERS, DIRECTOR

RESIGNED APRIL 13, 1921

W. M. STEUART, DIRECTOR

APPOINTED APRIL 14, 1921

FOURTEENTH CENSUS OF THE UNITED STATES

STATE COMPENDIUM WASHINGTON

STATISTICS OF POPULATION, OCCUPATIONS, AGRICULTURE,
IRRIGATION, DRAINAGE, MANUFACTURES, AND
MINES AND QUARRIES FOR THE STATE,
COUNTIES, AND CITIES



*Bureau of the Census
Library*

PRICE, 25 CENTS

Sold only by the Superintendent of Documents, Government Printing Office
Washington, D. C.

WASHINGTON
GOVERNMENT PRINTING OFFICE

1924

DEPARTMENT OF COMMERCE.

HERBERT HOOVER, SECRETARY OF COMMERCE.

BUREAU OF THE CENSUS.

Chief functions.

The taking of the decennial census covering population, agriculture, manufactures, mines and quarries, and forest products.

Decennial report on wealth, public debt, and taxation, including principal financial statistics on Federal, state, county, city, and township governments.

Annual financial statistics of state and municipal governments—Sources of revenue, objects of payments, debt and tax levies.

Decennial statistics relating to inmates of institutions, including paupers, insane, prisoners, and juvenile delinquents.

A census of agriculture in each middecennial year, a biennial census of manufactures, a quinquennial census of electrical public utilities, statistics of marriage and divorce.

Annual statistics of births, deaths, causes of death, etc., in the registration area of the United States.

Quarterly statistics of leaf tobacco stocks and of production, stocks, and consumption of fats and oils.

Monthly or semiannual statistics of cotton ginning; cotton stocks and consumption; the production, stocks, and consumption of hides and leather; the production of shoes; and statistics of active textile machinery and of movements in an increasing number of other industries.

The compilation and publication, in the "Survey of Current Business," of monthly commercial and industrial statistics.

BUREAU OF FOREIGN AND DOMESTIC COMMERCE.

Chief functions.

The compilation of timely information concerning world market conditions and openings for American products in foreign countries secured through commercial attaches and trade commissioners of the Department of Commerce and the foreign service of the Department of State. The distribution of such information to American business through weekly "Commerce reports," special bulletins, confidential circulars, the news and trade press, correspondence, and personal contact.

The maintenance of commodity, technical, and geographical divisions to afford special service to American export industries.

The compilation and distribution of names of possible buyers and agents for American products in all parts of the world and the publication of weekly lists of specific sales opportunities abroad.

The maintenance of district and cooperative offices in many cities in the United States to expedite delivery of market information to business men and to keep the department advised as to the urgent requirements of American trades and industries.

The publication of official statistics on imports and exports.

The study of the processes of domestic trade and commerce, with a view to their improvement and the dissemination of information obtained for the benefit of the public, as well as of those directly concerned.

BUREAU OF STANDARDS.

Chief functions.

Custody of standards of measurement, quality, performance, or practice adopted or recognized by the Government. Development and construction of such standards when necessary. Testing and calibration of apparatus and comparison of standards used by scientific or other institutions with those in the custody of the bureau.

Determination of physical constants and properties of materials.

The testing of materials and the establishment of standards and processes in cooperation with commercial firms or organizations.

Researches covering structural, engineering, and miscellaneous materials, radio, radium, mechanical appliances, sugar technology, leather, paper, rubber, and textiles, clay products, glass, and refractories, metals and metallurgy, and similar groups of subjects.

The collection and dissemination of information showing approved methods in building, planning, and construction, including building materials and codes and such other matters as may encourage, improve, and cheapen construction and housing.

Studies on simplified commercial practices and the establishment of such practices through cooperative business organizations.

The Bureau publishes six series of scientific and technical publications, reporting the results of its researches and giving technical data fundamental to industry.

The Director of the Bureau has supervision of the preparation of technical specifications through the Federal Specifications Board.

BUREAU OF FISHERIES.

Chief functions.

The propagation of useful food fishes, including lobsters, oysters, and other shellfish, and their distribution to suitable waters.

Investigations of fish culture, fish diseases, and for the conservation of fishery resources and the development of commercial fisheries.

The study of the methods of the fisheries and fishery industries and the utilization of fishery products.

The collection of statistics of fisheries.

The administration of the Alaska salmon fisheries and the fur-seal herd on the Pribilof Islands.

The administration of the law for the protection of sponges off the coast of Florida.

BUREAU OF LIGHTHOUSES.

Chief functions.

The establishment and maintenance of lighthouses, lightships, buoys, and other aids to navigation on the sea and the lake coasts and on the rivers of the United States, including Alaska, Hawaiian Islands, and Porto Rico.

The publication of Light Lists, Buoy Lists, and Notices to Mariners, including information regarding all aids to navigation maintained by the Lighthouse Service.

COAST AND GEODETIC SURVEY.

Chief functions.

The survey of the coasts of the United States and the publication of charts needed for the navigation of the adjacent waters, including Alaska, the Philippine Islands, Hawaii, Porto Rico, the Virgin Islands, and the Canal Zone.

A comprehensive geodetic system, extending into the interior, connects and coordinates the surveys of the coasts, and is designed to furnish accurately determined points and elevations in all parts of the country. These are available as a basis for Federal, state, and municipal surveys, and engineering projects of every kind. The magnetic declination has been determined at a large number of stations throughout the country and the results are available for the use of surveyors and engineers.

The technical operations include base measure, triangulation, traverse, precise leveling, the determination of latitude and azimuth, the determination of difference of longitude by telegraph or radio, magnetic observations and researches, the preparation of magnetic maps, the determination of the force of gravity, topography, hydrography, deep-sea soundings, water temperatures, tidal and current observations.

The results are published in the form of charts on various scales, annual reports, coast pilots, tide tables (published annually in advance), current tables, digests of geodetic publications, and special publications.

BUREAU OF NAVIGATION.

Chief functions.

General superintendence of commercial marine and merchant seamen.

Supervision of registering, enrolling, licensing, numbering, etc., of vessels under the United States flag and the annual publication of a list of such vessels.

The enforcement of the navigation and steamboat inspection laws and the laws governing radio communication, as well as duties connected with fees, fines, tonnage taxes, refunds, etc., originating under such laws.

STEAMBOAT INSPECTION SERVICE.

Chief functions.

The inspection of vessels, the licensing of the officers of vessels, and the administration of laws relating to such vessels and their officers.

The certification of able seamen who form the crews of merchant vessels.

The inspection of vessels, including the types of boilers; the testing of all materials subject to tensile strain in marine boilers; the inspection of hulls and of life-saving equipment.

CONTENTS—WASHINGTON.

| | |
|---|-----------|
| SUMMARY FOR THE UNITED STATES, BY DIVISIONS AND STATES—POPULATION, AGRICULTURE, MANUFACTURES, MINING..... | Page..... |
| CENTERS OF POPULATION, 1790–1920, AND CENTERS OF FARMS, AGRICULTURAL PRODUCTS, AND MANUFACTURES, 1850–1920..... | 6 |

POPULATION.

NUMBER AND DISTRIBUTION OF INHABITANTS.

| | |
|---|-------|
| SUMMARY TABLES: | Page. |
| Population of Washington: 1860 to 1920..... | 7 |
| Population of principal cities from earliest census to 1920..... | 8 |
| Urban and rural population: 1920, 1910, and 1900..... | 8 |
| DETAILED TABLES: | |
| 1. Area and population of counties: 1860 to 1920..... | 11 |
| 2. Population of counties by minor civil divisions: 1920, 1910, and 1900..... | 12 |
| 3. Population of incorporated places: 1920, 1910, and 1900..... | 22 |
| 4. Population of wards of cities having 5,000 inhabitants or more: 1920..... | 23 |
| 5. Urban and rural population of counties: 1920, 1910, and 1900..... | 23 |
| MAPS: | |
| Per cent of increase or decrease in total and rural population, by counties: 1910 to 1920..... | 9 |
| Density of total and rural population, by counties: 1920..... | 10 |
| COMPOSITION AND CHARACTERISTICS OF THE POPULATION. | |
| SUMMARY TABLES: | |
| 1. Color or race, nativity, parentage, and sex, for the state and urban and rural population: 1920, 1910, and 1900..... | 26 |
| 2. School attendance, for the state and urban and rural population: 1920 and 1910..... | 26 |
| 3. Age, for the state and urban and rural population: 1920 and 1910..... | 27 |
| 4. Illiteracy, for the state and urban and rural population: 1920 and 1910..... | 28 |
| 5. Population 21 years of age and over, by sex, class of population, and citizenship, for the state: 1920 and 1910..... | 29 |
| 6. Country of birth of foreign-born white, for state and principal cities: 1920..... | 29 |
| 7. Indians, Chinese, and Japanese: 1920, 1910, and 1900..... | 29 |
| 8. Age, for cities of 10,000 or more: 1920..... | 30 |
| DETAILED TABLES: | |
| 9. Composition and characteristics of the population, for counties: 1920..... | 31 |
| 10. Composition and characteristics of the population, for cities of 10,000 or more: 1920..... | 35 |
| 11. Composition and characteristics of the population, for places of 2,500 to 10,000: 1920..... | 35 |
| 12. Country of birth of the foreign-born white, for counties and for cities of 10,000 or more: 1920..... | 36 |
| 13. Composition and characteristics of the population, for wards of Tacoma: 1920..... | 37 |
| 14. Age, by quinquennial periods, with single years for persons under 25, for the state: 1920..... | 38 |
| 15. Marital condition of the population 15 years of age and over, for the state: 1920, 1910, and 1900..... | 40 |
| 16. Total, white, and colored population, with state of birth for natives, for the state: 1920..... | 41 |
| 17. Country of birth of the foreign-born population, with citizenship of the foreign-born white, for the state: 1920..... | 42 |
| 18. Year of immigration of the foreign-born population, for the state: 1920..... | 42 |
| 19. Foreign-born white population unable to speak English: 1920..... | 42 |
| 20. School attendance, by age periods, for the state: 1920..... | 43 |
| 21. School attendance, by single years from 5 to 20, for the state: 1920..... | 43 |
| 22. Illiteracy of the population 10 years of age and over, by age periods, for the state: 1920..... | 43 |
| 23. Country of origin and mother tongue of the foreign white stock, for the state: 1920..... | 43 |
| 24. Ownership of homes, for counties and places having 10,000 inhabitants or more: 1920..... | 44 |
| 25. Total males and females 10 years of age and over engaged in each selected occupation, classified by color or race, nativity, and parentage, and age periods, for the state: 1920..... | 45 |
| 26. Women 15 years of age and over in each principal class of the population engaged in gainful occupations, classified by marital condition, with a distribution of the married by age periods, for the state: 1920..... | 48 |
| SUPPLEMENTAL TABLES: Indian, Chinese, and Japanese population..... | 49 |
| Sex, illiteracy, and voting age, for counties: 1920..... | 50 |
| MAP: Per cent of foreign-born white in total population, by counties: 1920..... | 59 |

AGRICULTURE.

| | |
|--|-------|
| FARMS AND FARM PROPERTY: | Page. |
| Map showing counties, cities, rivers, and mountains..... | 51 |
| Explanation of terms..... | 52 |
| Number of farms, acreage, and value..... | 53 |
| Farms by size..... | 54 |
| Farms by tenure..... | 55 |
| Farms by sex, race, and nativity of farmer..... | 55 |
| Farm mortgages..... | 55 |
| Farm expenditures for labor, fertilizer, and feed..... | 56 |
| LIVE STOCK ON FARMS AND ELSEWHERE: | |
| LIVE-STOCK PRODUCTS: | |
| CROPS: | |
| MISCELLANEOUS ITEMS (from second series of tabulations): | |
| Age of farmers..... | 62 |
| Farmers classified by number of years on farm..... | 62 |
| Cooperative marketing and purchasing..... | 62 |
| Farm facilities—Motor vehicles, telephones, water, and light on farms..... | 62 |
| Pure-bred live stock on farms..... | 62 |
| Calves, pigs, and lambs raised on farms..... | 63 |
| Domestic animals sold or slaughtered on farms..... | 63 |
| Sales of selected crops..... | 63 |
| Fruit products of farms..... | 63 |
| Forest products of farms..... | 63 |
| Nurseries and greenhouses..... | 63 |
| COUNTY TABLES: | |
| I.—Farms and farm property, 1920, with selected items for 1910 and 1900..... | 64 |
| II.—Live stock on farms and ranges, 1920; and live-stock products, 1919..... | 68 |
| III.—Domestic animals not on farms or ranges: 1920..... | 68 |
| IV.—Value of all crops, and acreage and production of principal crops: 1919..... | 72 |
| V.—Mortgage debt, 1920; expenditures for labor, fertilizer, and feed, 1919..... | 76 |
| IRRIGATION. | |
| INTRODUCTION..... | 79 |
| MAP SHOWING APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND..... | 80 |
| EXPLANATION OF TERMS..... | 81 |
| CLIMATIC CONDITIONS..... | 82 |
| WATER SUPPLY FOR IRRIGATION..... | 82 |
| FARMS AND ACREAGE IRRIGATED: | |
| Acreage, by character of enterprise..... | 83 |
| Acreage, by character of water rights..... | 83 |
| Acreage, by drainage basin..... | 84 |
| CAPITAL INVESTED AND COST OF OPERATION AND MAINTENANCE..... | 84 |
| DRAINAGE OF IRRIGATED LAND..... | 85 |
| QUANTITY OF WATER USED..... | 85 |
| IRRIGATION WORKS..... | 86 |
| CROPS..... | 88 |
| COUNTY TABLE.—Acreage irrigated, 1919 and 1900; and acreage in enterprises, irrigation works, and capital invested in irrigation enterprises, 1920 and 1910..... | 89 |
| DRAINAGE. | |
| INTRODUCTION..... | 93 |
| MAP SHOWING APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES..... | 94 |
| DRAINAGE ON FARMS: | |
| Explanation of terms..... | 95 |
| Farm and farm land..... | 95 |
| DRAINAGE ENTERPRISES: | |
| Explanation of terms..... | 95 |
| Operating and nonoperating enterprises..... | 95 |
| Location of enterprises..... | 96 |
| Condition of land in enterprises..... | 96 |
| Size of enterprises..... | 96 |
| Character of enterprises..... | 97 |
| Drainage works..... | 98 |
| Maintenance of works..... | 98 |
| Date of organization..... | 99 |
| Crops..... | 99 |
| COUNTY TABLES: | |
| I.—Drainage on farms: 1920..... | 100 |
| II.—Operating drainage enterprises: 1920..... | 101 |
| MANUFACTURES. | |
| EXPLANATION OF TERMS..... | 103 |
| GENERAL STATISTICS: | |
| General character of the state..... | 105 |
| Comparative summary..... | 106 |
| Statistics for the state, by counties..... | 107 |
| Principal industries, ranked by value of products..... | 108 |
| Persons engaged in manufacturing industries..... | 108 |
| Average number of wage earners for selected industries, with per cent, by sex and age..... | 109 |
| Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more..... | 109 |
| Wage earners, by months..... | 109 |
| Average number of wage earners, by months, for selected industries and for cities..... | 110 |
| Average number of wage earners, by prevailing hours of labor per week, for selected industries and for cities..... | 111 |
| Size of establishments, by average number of wage earners, for selected industries and for cities..... | 112 |
| Size of establishments, by value of products..... | 112 |
| Size of establishments, by value of products, for selected industries..... | 113 |
| Size of establishments, by value of products, for cities of 10,000 inhabitants or more..... | 114 |
| Character of ownership, for selected industries and for cities..... | 115 |
| Manufactures, by population groups, in cities of 10,000 inhabitants or more..... | 116 |
| Principal industries in cities of 50,000 inhabitants or more, with per cent of total for state..... | 116 |
| Number and horsepower of types of prime movers..... | 117 |
| Fuel consumed..... | 117 |
| SPECIAL STATISTICS: | |
| Lumber and timber products..... | 118 |
| Shipbuilding, including boat building..... | 118 |
| Flour-mill and gristmill products..... | 119 |
| Slaughtering and meat packing..... | 119 |
| Butter, cheese, and condensed milk..... | 120 |
| Canning and preserving..... | 120 |
| Printing and publishing..... | 121 |
| Power laundries..... | 121 |
| GENERAL TABLES: | |
| Table 30.—Comparative summary for selected industries and for cities: 1919, 1914, and 1909..... | 123 |
| Table 31.—Detailed statement of all industries combined and specified industries: 1919..... | 126 |
| MINES AND QUARRIES. | |
| EXPLANATION OF TERMS..... | 130 |
| GENERAL STATISTICS: | |
| Comparative summary, producing enterprises: 1919 and 1909..... | 141 |
| Principal industries, producing enterprises, ranked by value of products: 1919..... | 141 |
| Character of organization, for selected industries, producing enterprises: 1919..... | 141 |
| Size of producing enterprises, by average number of wage earners, for selected industries: 1919..... | 142 |
| Number of producing enterprises and average number of wage earners, by prevailing hours of labor per week, for selected industries: 1919..... | 142 |
| Wage earners, by months, for selected industries: 1919..... | 142 |
| DETAILED STATISTICS FOR MINING INDUSTRIES: 1919..... | 143 |

FOURTEENTH CENSUS: 1920.

SUMMARY FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES,

| DIVISION AND STATE. | POPULATION, JAN. 1, 1920. | | | | | | | | | | | | | |
|-----------------------|---------------------------|------------|------------|--------------------------|-----------------------------|--------------------------------|--------------------|-------------------|--------------------|----------------------------------|-------------------|--------------------------------------|-----------|----------|
| | POPULATION, BY SEX. | | | NATIVE WHITE POPULATION. | | FOREIGN-BORN WHITE POPULATION. | | NEGRO POPULATION. | | POPULATION 7 TO 20 YEARS OF AGE. | | POPULATION 10 YEARS OF AGE AND OVER. | | |
| | Total. ¹ | Male. | Female. | Native parentage. | Foreign or mixed parentage. | Number. | Per cent of total. | Number. | Per cent of total. | Total. | Attending school. | Total. | Number. | Percent. |
| United States. | 105,710,620 | 53,900,431 | 51,810,189 | 58,421,957 | 22,686,204 | 13,712,754 | 13.0 | 10,463,131 | 9.9 | 28,564,716 | 18,451,851 | 82,739,315 | 4,931,905 | 6.0 |
| GEOGRAPHIC DIVISIONS: | | | | | | | | | | | | | | |
| New England..... | 7,400,900 | 3,672,501 | 3,728,318 | 2,803,149 | 2,642,276 | 1,870,654 | 25.3 | 79,051 | 1.1 | 1,768,290 | 1,223,023 | 5,945,989 | 289,700 | 4.9 |
| Middle Atlantic..... | 22,261,144 | 11,206,445 | 11,054,699 | 9,631,012 | 7,098,253 | 4,912,575 | 22.1 | 600,183 | 2.7 | 5,527,757 | 3,746,560 | 17,666,354 | 885,382 | 4.9 |
| E. North Central..... | 21,475,543 | 11,035,041 | 10,440,502 | 11,790,370 | 5,925,213 | 3,223,279 | 15.0 | 514,554 | 2.4 | 5,550,037 | 3,728,706 | 17,130,786 | 495,470 | 2.9 |
| W. North Central..... | 6,459,067 | 6,085,182 | 7,475,548 | 3,377,578 | 1,371,961 | 10.9 | 278,521 | 2.2 | 3,593,143 | 2,420,929 | 9,889,740 | 183,221 | 2.0 | |
| South Atlantic..... | 13,990,272 | 7,035,843 | 6,954,429 | 8,779,416 | 553,604 | 315,920 | 2.3 | 4,325,120 | 30.9 | 4,323,620 | 2,818,406 | 10,513,447 | 1,212,042 | 11.5 |
| E. South Central..... | 8,893,307 | 4,471,690 | 4,421,617 | 6,002,782 | 202,826 | 71,939 | 0.8 | 2,523,532 | 28.4 | 2,818,595 | 1,858,059 | 6,677,229 | 845,459 | 12.7 |
| W. South Central..... | 10,242,224 | 5,265,829 | 4,976,395 | 6,959,785 | 696,809 | 459,333 | 4.5 | 2,063,579 | 20.1 | 3,259,000 | 2,097,596 | 7,739,536 | 773,637 | 10.0 |
| Mountain..... | 3,336,101 | 1,789,209 | 1,548,802 | 2,002,508 | 757,166 | 453,225 | 12.6 | 30,801 | 0.9 | 896,406 | 656,638 | 2,564,463 | 132,659 | 5.2 |
| Pacific..... | 5,566,871 | 2,964,626 | 2,602,245 | 2,887,387 | 1,432,379 | 1,033,868 | 18.6 | 47,700 | 0.9 | 1,227,268 | 900,734 | 4,611,771 | 128,435 | 2.7 |
| NEW ENGLAND: | | | | | | | | | | | | | | |
| Maine..... | 768,014 | 388,752 | 379,262 | 495,780 | 162,566 | 107,349 | 14.0 | 1,810 | 0.2 | 188,822 | 134,299 | 621,233 | 20,240 | 3.3 |
| New Hampshire..... | 443,083 | 222,112 | 220,971 | 225,512 | 125,586 | 91,233 | 20.6 | 621 | 0.1 | 104,581 | 73,063 | 361,930 | 15,788 | 4.4 |
| Vermont..... | 352,428 | 178,854 | 173,574 | 228,325 | 78,966 | 44,526 | 12.6 | 572 | 0.2 | 87,302 | 62,544 | 284,472 | 8,488 | 3.0 |
| Massachusetts..... | 3,852,356 | 1,930,014 | 1,962,342 | 1,230,773 | 1,495,217 | 1,077,534 | 28.0 | 45,496 | 1.2 | 907,212 | 633,124 | 3,106,769 | 146,607 | 4.7 |
| Rhode Island..... | 604,397 | 297,524 | 308,873 | 173,553 | 246,928 | 173,499 | 28.7 | 10,036 | 1.7 | 149,774 | 95,499 | 483,788 | 31,312 | 6.5 |
| Connecticut..... | 1,380,631 | 695,335 | 685,296 | 449,208 | 533,013 | 376,513 | 27.3 | 21,046 | 1.5 | 320,590 | 225,094 | 1,087,797 | 67,265 | 6.2 |
| MIDDLE ATLANTIC: | | | | | | | | | | | | | | |
| New York..... | 10,385,227 | 5,187,350 | 5,197,877 | 3,668,268 | 3,717,649 | 2,786,112 | 26.8 | 198,483 | 1.9 | 2,461,306 | 1,656,905 | 8,402,786 | 425,022 | 5.1 |
| New Jersey..... | 3,155,900 | 1,590,075 | 1,566,825 | 1,212,675 | 1,085,799 | 738,613 | 23.4 | 117,132 | 3.7 | 786,040 | 525,979 | 2,494,246 | 127,661 | 5.1 |
| Pennsylvania..... | 8,720,017 | 4,429,020 | 4,290,997 | 4,750,071 | 2,294,805 | 1,387,850 | 15.9 | 284,588 | 3.3 | 2,280,411 | 1,563,676 | 6,789,322 | 312,699 | 4.6 |
| E. NORTH CENTRAL: | | | | | | | | | | | | | | |
| Ohio..... | 5,759,304 | 2,955,980 | 2,803,414 | 3,669,122 | 1,224,074 | 678,697 | 11.8 | 188,187 | 3.2 | 1,386,799 | 980,417 | 4,624,456 | 131,006 | 2.8 |
| Indiana..... | 2,930,390 | 1,489,074 | 1,441,316 | 2,329,544 | 368,659 | 150,868 | 5.1 | 80,810 | 2.8 | 745,281 | 515,237 | 2,386,214 | 52,034 | 2.2 |
| Illinois..... | 6,485,280 | 3,304,883 | 3,180,447 | 3,066,563 | 2,025,819 | 1,206,951 | 18.6 | 182,274 | 2.8 | 1,619,847 | 1,108,216 | 5,184,943 | 178,987 | 3.4 |
| Michigan..... | 3,668,412 | 1,928,436 | 1,739,976 | 1,670,447 | 1,204,545 | 726,635 | 19.8 | 60,082 | 1.6 | 893,744 | 626,165 | 2,895,606 | 88,046 | 3.0 |
| Wisconsin..... | 2,632,067 | 1,356,718 | 1,275,349 | 1,054,694 | 1,102,116 | 460,128 | 17.5 | 5,201 | 0.2 | 704,966 | 498,671 | 2,069,567 | 50,397 | 2.4 |
| W. NORTH CENTRAL: | | | | | | | | | | | | | | |
| Minnesota..... | 2,387,125 | 1,245,537 | 1,141,588 | 827,627 | 1,055,145 | 486,164 | 20.4 | 8,809 | 0.4 | 643,287 | 451,096 | 1,877,132 | 34,487 | 1.8 |
| Iowa..... | 2,404,021 | 1,229,392 | 1,174,629 | 1,528,553 | 629,981 | 225,647 | 9.4 | 19,005 | 0.8 | 627,248 | 454,075 | 1,913,156 | 20,680 | 1.1 |
| Missouri..... | 3,404,055 | 1,723,319 | 1,650,730 | 2,536,986 | 502,082 | 186,026 | 5.5 | 178,241 | 5.2 | 901,604 | 624,395 | 2,737,771 | 83,403 | 3.0 |
| North Dakota..... | 646,872 | 341,673 | 305,199 | 207,966 | 300,485 | 181,503 | 20.3 | 467 | 0.1 | 198,020 | 146,288 | 470,210 | 9,937 | 2.1 |
| South Dakota..... | 636,547 | 337,120 | 299,427 | 308,598 | 228,158 | 82,391 | 12.9 | 832 | 0.1 | 181,271 | 131,943 | 482,195 | 8,109 | 1.7 |
| Nebraska..... | 1,296,372 | 672,805 | 623,567 | 757,084 | 372,503 | 149,652 | 11.5 | 13,242 | 1.0 | 358,143 | 256,961 | 1,012,552 | 13,754 | 1.4 |
| Kansas..... | 1,769,257 | 909,221 | 880,036 | 1,308,804 | 288,524 | 110,578 | 6.2 | 57,925 | 3.3 | 483,480 | 356,167 | 1,396,725 | 22,821 | 1.6 |
| SOUTH ATLANTIC: | | | | | | | | | | | | | | |
| Delaware..... | 223,003 | 113,755 | 109,248 | 139,876 | 32,929 | 19,810 | 8.9 | 30,335 | 13.6 | 54,739 | 37,759 | 178,930 | 10,508 | 5.9 |
| Maryland..... | 1,449,661 | 729,455 | 720,206 | 893,088 | 209,472 | 102,177 | 7.0 | 244,479 | 16.9 | 381,106 | 246,056 | 1,158,955 | 64,434 | 5.6 |
| Dist. Columbia..... | 437,571 | 203,543 | 234,028 | 239,488 | 58,624 | 28,548 | 6.5 | 109,966 | 25.1 | 89,931 | 58,005 | 377,295 | 10,509 | 2.8 |
| Virginia..... | 2,309,187 | 1,168,492 | 1,140,695 | 1,534,494 | 52,630 | 30,785 | 1.3 | 690,017 | 29.9 | 709,980 | 480,037 | 1,748,395 | 195,159 | 11.2 |
| West Virginia..... | 1,463,701 | 763,100 | 700,601 | 1,222,857 | 82,472 | 61,906 | 4.2 | 84,845 | 5.9 | 437,703 | 207,044 | 1,083,395 | 69,413 | 6.4 |
| North Carolina..... | 2,559,123 | 1,279,062 | 1,280,061 | 1,765,203 | 11,477 | 7,099 | 0.3 | 768,407 | 29.8 | 839,574 | 576,239 | 1,844,673 | 241,603 | 13.1 |
| South Carolina..... | 1,683,724 | 833,293 | 845,451 | 798,418 | 12,719 | 6,401 | 0.4 | 864,719 | 51.4 | 576,564 | 393,077 | 1,219,316 | 220,667 | 18.1 |
| Georgia..... | 2,946,832 | 1,444,823 | 1,451,009 | 1,642,687 | 30,231 | 16,186 | 0.6 | 1,206,365 | 41.7 | 953,304 | 570,386 | 2,150,230 | 328,888 | 15.3 |
| Florida..... | 968,470 | 495,320 | 473,150 | 532,295 | 62,850 | 43,008 | 4.4 | 320,487 | 34.0 | 280,719 | 179,803 | 751,787 | 71,811 | 9.6 |
| E. SOUTH CENTRAL: | | | | | | | | | | | | | | |
| Kentucky..... | 2,416,630 | 1,227,494 | 1,189,136 | 2,039,134 | 110,646 | 30,780 | 1.3 | 235,988 | 9.8 | 717,067 | 480,526 | 1,887,434 | 155,014 | 8.4 |
| Tennessee..... | 2,337,885 | 1,173,967 | 1,163,918 | 1,832,757 | 37,758 | 15,478 | 0.7 | 451,758 | 19.3 | 724,688 | 488,543 | 1,770,762 | 182,699 | 10.3 |
| Alabama..... | 2,348,174 | 1,173,105 | 1,175,069 | 1,394,129 | 35,241 | 17,682 | 0.8 | 900,682 | 38.4 | 774,043 | 499,888 | 1,730,421 | 278,082 | 16.1 |
| Mississippi..... | 1,790,618 | 897,124 | 898,494 | 1,826,762 | 18,181 | 8,019 | 0.4 | 936,184 | 52.2 | 602,192 | 389,702 | 1,338,612 | 220,734 | 17.2 |
| W. SOUTH CENTRAL: | | | | | | | | | | | | | | |
| Arkansas..... | 1,752,204 | 895,228 | 856,976 | 1,226,692 | 39,090 | 13,975 | 0.8 | 472,220 | 27.0 | 569,870 | 375,115 | 1,302,905 | 121,837 | 9.4 |
| Louisiana..... | 1,798,509 | 903,335 | 895,174 | 941,724 | 110,016 | 44,871 | 2.5 | 700,257 | 38.9 | 574,202 | 327,546 | 1,306,066 | 209,092 | 21.0 |
| Oklahoma..... | 2,028,233 | 1,058,044 | 970,239 | 1,679,107 | 102,119 | 39,968 | 2.0 | 149,408 | 7.4 | 647,930 | 444,247 | 1,513,951 | 56,984 | 3.8 |
| Texas..... | 4,653,228 | 2,409,222 | 2,254,006 | 3,112,282 | 445,384 | 360,619 | 7.7 | 741,694 | 15.9 | 1,466,989 | 950,688 | 3,666,614 | 290,844 | 8.3 |
| mountain: | | | | | | | | | | | | | | |
| Montana..... | 548,889 | 299,941 | 248,948 | 275,803 | 164,837 | 93,620 | 17.1 | 1,658 | 0.3 | 185,886 | 102,621 | 421,443 | 9,544 | 2.3 |
| Idaho..... | 431,866 | 233,919 | 197,947 | 294,252 | 92,453 | 88,963 | 9.0 | 920 | 0.2 | 122,278 | 95,027 | 326,051 | 4,924 | 1.5 |
| Wyoming..... | 194,492 | 110,359 | 84,043 | 122,884 | 42,007 | 25,255 | 18.0 | 1,875 | 0.7 | 47,474 | 34,387 | 150,993 | 3,149 | 2.1 |
| Colorado..... | 939,628 | 492,731 | 446,898 | 603,041 | 204,108 | 116,954 | 12.4 | 11,318 | 1.2 | 230,926 | 175,745 | 747,485 | 24,208 | 3.2 |
| New Mexico..... | 360,350 | 190,456 | 169,804 | 273,317 | 37,279 | 29,077 | 8.1 | 5,733 | 1.6 | 109,738 | 75,119 | 267,953 | 41,637 | 15.6 |
| Arizona..... | 334,182 | 183,602 | 150,580 | 151,145 | 62,205 | 78,098 | 23.4 | 8,005 | 2.4 | 89,464 | 64,387 | 255,461 | 39,131 | 15.3 |
| Utah..... | 449,366 | 232,051 | 217,345 | 245,781 | 159,665 | 56,456 | 12.6 | 1,446 | 0.3 | 136,039 | 107,908 | 331,530 | 6,264 | 1.9 |
| Nevada..... | 77,407 | 46,240 | 31,167 | 38,285 | 18,612 | 14,802 | 19.1 | 346 | 0.4 | 15,601 | 11,444 | 63,9 | | |

STATE COMPENDIUM.

3

FOR POPULATION, AGRICULTURE, MANUFACTURES, AND MINES AND QUARRIES.

[Table continued on following page.]

| POPULATION, JAN. 1, 1920. | | | | | | | | | AGRICULTURE. | | | | | | | | |
|--------------------------------------|-------------|------|---------------------|------------|--------------|----------------------|-----------|----------------------|-----------------------|-----------------------|------------------------------|----------------|-------------------|-------------------|--------------------|----|----|
| POPULATION 21 YEARS OF AGE AND OVER. | | | | | | | | | LAND IN FARMS, 1920 | | | | | | | | |
| All classes. | | | Foreign-born white. | | | Negro. | | | Farm population, 1920 | Number of farms, 1920 | Per cent operated by tenants | | | | | | |
| Total. | Illiterate. | | Native white. | Total. | Naturalized. | Per cent illiterate. | Total. | Per cent illiterate. | | | | Total (acres). | Average per farm. | Improved (acres). | Per cent improved. | | |
| 60,886,520 | 4,333,111 | 7.1 | 42,614,741 | 12,498,720 | 6,208,697 | 13.7 | 5,522,476 | 27.4 | 31,614,269 | 6,448,343 | 38.1 | 955,883,715 | 148.2 | 503,073,007 | 52.6 | 1 | 1 |
| 4,591,477 | 280,826 | 6.1 | 2,829,337 | 1,705,291 | 755,527 | 14.8 | 52,315 | 8.5 | 625,877 | 160,564 | 7.4 | 16,990,642 | 108.5 | 6,114,601 | 36.0 | 2 | 2 |
| 13,451,656 | 843,582 | 6.3 | 8,549,966 | 4,477,752 | 2,024,619 | 16.7 | 409,441 | 6.0 | 1,692,789 | 425,147 | 20.7 | 40,572,901 | 95.4 | 26,562,107 | 65.5 | 3 | 3 |
| 13,029,595 | 480,238 | 3.7 | 9,676,916 | 2,978,575 | 1,576,867 | 11.4 | 356,341 | 8.7 | 4,913,633 | 1,054,714 | 25.1 | 117,725,179 | 108.5 | 57,894,433 | 74.7 | 4 | 4 |
| 7,278,548 | 180,616 | 2.5 | 5,777,875 | 1,281,704 | 874,132 | 6.5 | 187,865 | 12.5 | 5,171,956 | 1,096,951 | 34.2 | 256,973,229 | 234.3 | 171,394,433 | 66.7 | 5 | 5 |
| 7,212,523 | 1,006,764 | 14.0 | 8,085,560 | 287,215 | 131,521 | 13.5 | 2,111,952 | 31.5 | 6,416,693 | 1,158,976 | 46.8 | 97,775,243 | 84.4 | 48,509,986 | 49.6 | 6 | 6 |
| 4,523,944 | 700,098 | 15.5 | 3,171,417 | 67,242 | 38,385 | 9.3 | 1,284,069 | 34.1 | 5,182,937 | 1,051,600 | 49.7 | 78,897,463 | 75.0 | 44,380,132 | 56.3 | 7 | 7 |
| 5,243,779 | 611,363 | 11.7 | 3,796,823 | 357,220 | 114,258 | 29.1 | 1,062,244 | 30.5 | 5,228,199 | 996,088 | 52.9 | 173,449,127 | 174.1 | 64,189,606 | 37.0 | 8 | 8 |
| 1,888,921 | 113,384 | 6.0 | 1,421,859 | 394,008 | 210,504 | 12.7 | 23,881 | 5.8 | 1,168,367 | 244,109 | 15.4 | 117,337,228 | 480.7 | 30,105,368 | 25.7 | 9 | 9 |
| 3,670,077 | 116,240 | 3.2 | 2,584,988 | 939,623 | 482,872 | 8.8 | 34,367 | 5.4 | 1,014,173 | 234,164 | 20.1 | 56,152,705 | 239.8 | 28,921,533 | 42.6 | 10 | 10 |
| 475,191 | 18,572 | 3.9 | 379,356 | 94,829 | 40,479 | 12.0 | 876 | 6.8 | 197,601 | 48,227 | 4.2 | 5,425,988 | 112.5 | 1,977,329 | 36.4 | 11 | 11 |
| 281,026 | 15,257 | 5.4 | 198,481 | 82,049 | 36,621 | 16.4 | 388 | 7.7 | 76,021 | 20,523 | 6.7 | 2,608,806 | 126.9 | 702,902 | 27.0 | 12 | 12 |
| 217,042 | 8,152 | 3.8 | 178,442 | 38,282 | 19,825 | 12.5 | 342 | 8.2 | 125,263 | 29,075 | 11.6 | 4,235,811 | 145.7 | 1,691,595 | 32.9 | 13 | 13 |
| 2,411,507 | 142,750 | 5.9 | 1,389,441 | 988,913 | 441,416 | 13.5 | 30,412 | 8.2 | 118,554 | 32,001 | 7.1 | 2,494,477 | 77.9 | 908,834 | 38.4 | 14 | 14 |
| 368,637 | 30,319 | 8.2 | 204,916 | 156,806 | 78,175 | 17.5 | 6,554 | 12.5 | 15,136 | 4,083 | 15.5 | 331,600 | 81.2 | 132,335 | 40.1 | 15 | 15 |
| 838,074 | 65,776 | 7.8 | 478,701 | 344,902 | 139,011 | 18.1 | 13,743 | 7.5 | 93,302 | 22,655 | 8.5 | 1,868,980 | 83.8 | 701,086 | 36.9 | 16 | 16 |
| 6,514,681 | 415,359 | 6.4 | 3,832,852 | 2,528,497 | 1,153,813 | 15.2 | 142,544 | 3.4 | 800,747 | 193,195 | 19.2 | 20,632,803 | 106.8 | 13,158,781 | 63.8 | 17 | 17 |
| 1,897,884 | 124,358 | 6.6 | 1,145,506 | 675,222 | 305,516 | 16.3 | 75,671 | 7.5 | 143,708 | 29,702 | 23.0 | 2,282,585 | 76.8 | 1,555,607 | 68.2 | 18 | 18 |
| 5,039,091 | 303,865 | 6.0 | 3,571,608 | 1,274,033 | 565,290 | 20.1 | 191,226 | 7.3 | 948,334 | 202,250 | 21.9 | 17,657,513 | 87.3 | 11,847,719 | 67.1 | 19 | 19 |
| 3,555,481 | 126,645 | 3.6 | 2,807,874 | 622,523 | 203,535 | 13.4 | 126,940 | 9.7 | 1,139,329 | 256,695 | 29.5 | 23,515,888 | 91.6 | 18,542,353 | 78.9 | 20 | 20 |
| 1,779,620 | 50,147 | 2.8 | 1,585,078 | 140,378 | 63,587 | 12.4 | 53,935 | 11.7 | 907,235 | 205,126 | 32.0 | 21,063,332 | 102.7 | 16,680,212 | 79.2 | 21 | 21 |
| 3,944,197 | 169,127 | 4.3 | 2,694,677 | 1,117,928 | 639,446 | 11.7 | 128,450 | 7.9 | 1,098,262 | 237,181 | 42.7 | 31,974,775 | 134.8 | 27,294,593 | 85.4 | 22 | 22 |
| 2,215,436 | 85,613 | 3.9 | 1,504,907 | 663,160 | 330,988 | 10.5 | 45,407 | 4.9 | 848,710 | 190,447 | 17.7 | 19,032,961 | 96.9 | 12,925,521 | 67.0 | 23 | 23 |
| 1,527,661 | 48,706 | 3.2 | 1,084,382 | 434,501 | 249,161 | 8.8 | 3,609 | 4.8 | 920,037 | 189,295 | 14.4 | 22,148,223 | 117.0 | 12,452,210 | 56.2 | 24 | 24 |
| 1,380,834 | 82,869 | 2.4 | 906,810 | 482,582 | 219,390 | 5.6 | 6,666 | 3.5 | 897,181 | 178,473 | 24.7 | 30,221,758 | 169.3 | 21,481,710 | 71.1 | 25 | 25 |
| 1,428,682 | 19,444 | 1.4 | 1,201,080 | 214,479 | 153,271 | 5.0 | 12,588 | 9.9 | 984,799 | 213,439 | 41.7 | 33,474,896 | 156.8 | 28,606,961 | 85.5 | 26 | 26 |
| 2,088,814 | 77,345 | 3.8 | 1,743,818 | 173,551 | 104,448 | 10.0 | 121,328 | 14.3 | 1,211,846 | 263,004 | 28.8 | 24,774,679 | 132.2 | 24,882,966 | 71.4 | 27 | 27 |
| 322,918 | 9,373 | 2.9 | 198,345 | 121,047 | 91,187 | 5.9 | 336 | 4.8 | 394,500 | 77,690 | 25.6 | 36,214,751 | 466.1 | 24,583,178 | 67.8 | 28 | 28 |
| 344,846 | 7,640 | 2.2 | 257,595 | 78,027 | 55,164 | 4.9 | 520 | 6.7 | 362,221 | 74,637 | 34.9 | 44,636,401 | 464.1 | 18,199,250 | 52.5 | 29 | 29 |
| 738,310 | 12,972 | 1.8 | 555,753 | 140,899 | 89,783 | 6.6 | 9,437 | 5.7 | 584,172 | 124,417 | 42.9 | 42,225,475 | 339.4 | 23,109,624 | 54.7 | 30 | 30 |
| 1,024,144 | 20,970 | 2.0 | 884,979 | 101,209 | 60,889 | 10.2 | 37,010 | 11.2 | 737,377 | 165,286 | 40.4 | 45,425,179 | 274.8 | 30,600,760 | 67.4 | 31 | 31 |
| 136,521 | 10,088 | 7.4 | 100,114 | 18,245 | 8,027 | 18.2 | 18,113 | 24.6 | 51,212 | 10,140 | 39.3 | 944,511 | 93.1 | 653,052 | 69.1 | 32 | 32 |
| 802,391 | 53,877 | 6.8 | 626,388 | 93,624 | 49,764 | 14.3 | 141,981 | 22.2 | 279,225 | 47,908 | 28.9 | 4,767,999 | 99.3 | 3,136,723 | 65.9 | 33 | 33 |
| 305,255 | 10,190 | 3.3 | 204,804 | 26,376 | 14,712 | 6.4 | 73,448 | 10.7 | 1,004 | 204 | 41.7 | 5,668 | 27.8 | 4,258 | 75.1 | 34 | 34 |
| 1,207,074 | 162,376 | 13.5 | 827,272 | 27,851 | 14,057 | 7.5 | 351,231 | 20.8 | 1,004,417 | 186,242 | 25.6 | 18,561,112 | 99.7 | 9,460,492 | 51.0 | 35 | 35 |
| 752,344 | 61,468 | 8.2 | 645,641 | 55,465 | 14,141 | 25.4 | 51,145 | 18.9 | 477,924 | 87,239 | 16.2 | 9,569,790 | 109.6 | 5,520,308 | 57.7 | 36 | 36 |
| 1,210,727 | 204,492 | 16.9 | 586,567 | 6,458 | 3,235 | 7.0 | 342,756 | 32.4 | 1,501,227 | 269,763 | 43.5 | 20,021,736 | 74.2 | 8,198,409 | 40.9 | 37 | 37 |
| 779,991 | 179,482 | 23.0 | 306,555 | 12,941 | 3,062 | 8.5 | 378,930 | 38.7 | 1,074,693 | 64,5 | 12,426,676 | 64.5 | 6,184,159 | 49.8 | 38 | 38 | |
| 1,421,506 | 201,294 | 18.4 | 831,173 | 14,855 | 8,316 | 5.6 | 575,630 | 35.8 | 1,683,213 | 310,732 | 66.6 | 25,441,061 | 81.0 | 13,055,209 | 51.3 | 39 | 39 |
| 536,614 | 58,497 | 10.9 | 316,746 | 38,370 | 16,109 | 6.6 | 181,008 | 24.8 | 281,893 | 54,005 | 25.3 | 6,046,691 | 112.0 | 2,297,271 | 38.0 | 40 | 40 |
| 1,289,496 | 136,235 | 10.6 | 1,116,037 | 29,458 | 18,493 | 7.6 | 143,881 | 26.4 | 1,304,862 | 270,626 | 33.4 | 21,612,772 | 79.9 | 13,975,746 | 64.7 | 41 | 41 |
| 1,214,947 | 163,163 | 12.6 | 955,125 | 14,319 | 7,708 | 8.7 | 245,395 | 26.9 | 1,271,708 | 252,774 | 77.2 | 11,185,802 | 77.2 | 11,185,802 | 57.3 | 42 | 42 |
| 1,143,395 | 228,565 | 20.0 | 685,926 | 16,105 | 8,503 | 11.8 | 441,180 | 38.8 | 1,335,885 | 256,099 | 57.9 | 1,576,856 | 76.4 | 9,883,407 | 50.5 | 43 | 43 |
| 876,106 | 182,135 | 20.8 | 414,328 | 7,330 | 3,631 | 13.4 | 453,663 | 35.9 | 1,270,482 | 272,101 | 66.1 | 18,196,979 | 66.9 | 9,325,677 | 51.2 | 44 | 44 |
| 867,292 | 99,413 | 11.5 | 611,737 | 12,166 | 7,569 | 8.3 | 242,234 | 26.5 | 1,147,049 | 232,604 | 51.3 | 17,456,750 | 75.0 | 9,210,556 | 52.8 | 45 | 45 |
| 924,184 | 229,980 | 24.9 | 522,789 | 41,228 | 15,196 | 22.6 | 359,251 | 43.8 | 786,050 | 135,463 | 57.1 | 10,019,822 | 74.0 | 5,626,226 | 56.2 | 46 | 46 |
| 1,021,588 | 48,076 | 4.7 | 884,745 | 36,108 | 19,372 | 13.4 | 76,331 | 16.4 | 1,017,327 | 191,988 | 51.0 | 81,951,934 | 166.4 | 18,125,321 | 56.7 | 47 | 47 |
| 2,430,715 | 233,894 | 9.6 | 1,777,552 | 266,718 | 72,121 | 33.3 | 384,428 | 23.4 | 2,277,773 | 436,033 | 53.3 | 114,020,621 | 261.5 | 31,227,503 | 27.4 | 48 | 48 |
| 320,562 | 9,071 | 2.8 | 226,355 | 85,709 | 56,627 | 6.0 | 1,262 | 6.7 | 225,667 | 57,677 | 11.3 | 35,070,656 | 608.1 | 11,007,278 | 31.4 | 49 | 49 |
| 234,076 | 4,510 | 1.9 | 188,818 | 36,170 | 23,864 | 6.6 | 693 | 5.9 | 200,902 | 42,106 | 15.9 | 8,375,873 | 198.9 | 4,511,680 | 53.9 | 50 | 50 |
| 115,739 | 2,940 | 2.5 | 89,625 | 23,057 | 12,008 | 9.2 | 1,065 | 6.1 | 67,806 | 15,748 | 12.5 | 11,809,351 | 749.9 | 2,102,005 | 17.8 | 51 | 51 |
| 564,529 | 22,080 | 3.9 | 445,781 | 105,017 | 62,818 | 12.8 | 8,106 | 7.4 | 266,073 | 59,934 | 23.0 | 24,46 | | | | | |

FOURTEENTH CENSUS: 1920.

SUMMARY FOR THE UNITED STATES, BY GEOGRAPHIC DIVISIONS AND STATES,

Table continued from preceding page.]

| DIVISION AND STATE. | AGRICULTURE—Continued. | | | | | | | | | |
|-------------------------------|------------------------------|-------------------------|---------------------------|------------------------|----------------------------------|----------------------------------|--|-------------------------|-------------------------------------|------------|
| | VALUE OF FARM PROPERTY: 1920 | | | | VALUE OF FARM PRODUCTS: 1919 | | | | | |
| | Total. | Land and buildings. | Implements and machinery. | Livestock. | Total (gross value) ¹ | Live-stock products ² | Domestic animals sold, etc. ³ | Crops. | Miscellaneous products ⁴ | |
| 1 United States | Dollars. 77,924,100,338 | Dollars. 66,316,002,602 | Dollars. 3,594,772,928 | Dollars. 8,013,324,308 | Dollars. 21,425,623,614 | Dollars. 2,687,072,273 | Dollars. 3,511,050,000 | Dollars. 14,755,364,894 | Dollars. 492,136,447 | |
| GEOGRAPHIC DIVISIONS: | | | | | | | | | | |
| 2 New England | 1,173,019,594 | 917,465,584 | 92,387,525 | 163,163,485 | 505,397,039 | 132,411,030 | 55,500,000 | 275,175,536 | 42,310,473 | |
| 3 Middle Atlantic | 3,949,654,183 | 3,002,137,754 | 359,152,336 | 588,394,093 | 1,561,158,784 | 412,980,765 | 170,200,000 | 914,499,927 | 63,498,092 | |
| 4 East North Central | 17,245,362,593 | 14,937,041,671 | 780,076,805 | 1,521,042,117 | 4,410,240,680 | 721,387,492 | 784,200,000 | 2,818,367,792 | 80,285,426 | |
| 5 West North Central | 27,991,434,645 | 24,469,495,169 | 1,162,935,264 | 2,359,001,112 | 5,551,297,432 | 550,742,614 | 1,312,000,000 | 3,676,902,149 | 41,052,669 | |
| 6 South Atlantic | 6,132,917,760 | 5,201,773,422 | 283,980,857 | 647,163,431 | 2,629,345,466 | 201,301,963 | 221,550,000 | 2,038,808,420 | 119,685,074 | |
| 7 East South Central | 4,419,466,237 | 3,603,693,363 | 176,064,886 | 579,707,988 | 1,019,779,165 | 1,795,544,716 | 159,631,789 | 1,306,179,988 | 73,230,938 | |
| 8 West South Central | 7,622,066,027 | 6,291,188,072 | 311,098,790 | 1,363,187,783 | 729,234,483 | 2,739,481,559 | 181,346,648 | 352,200,000 | 2,168,622,049 | 37,312,262 |
| 9 Mountain | 4,083,137,939 | 3,163,187,783 | 190,715,673 | 405,236,034 | 921,882,633 | 121,132,969 | 230,700,000 | 562,954,399 | 7,095,265 | |
| 10 Pacific | 5,307,011,460 | 4,669,410,734 | 232,357,792 | 1,251,275,305 | 183,145,033 | 127,600,000 | 948,854,024 | 21,076,248 | | |
| NEW ENGLAND: | | | | | | | | | | |
| 11 Maine | 270,526,733 | 204,108,971 | 26,637,660 | 39,780,102 | 154,076,198 | 20,075,219 | 15,700,000 | 100,152,324 | 12,148,653 | |
| 12 New Hampshire | 118,656,115 | 89,595,570 | 9,499,367 | 19,160,923 | 51,771,331 | 14,651,326 | 7,700,000 | 23,509,665 | 5,880,298 | |
| 13 Vermont | 222,736,620 | 156,117,159 | 21,234,130 | 42,385,331 | 99,473,142 | 31,573,340 | 13,300,000 | 47,999,600 | 6,600,202 | |
| 14 Massachusetts | 300,471,743 | 247,587,831 | 19,359,755 | 33,524,157 | 109,223,194 | 33,850,892 | 10,900,000 | 53,700,925 | 10,771,377 | |
| 15 Rhode Island | 33,636,766 | 25,357,926 | 2,408,561 | 4,840,279 | 5,367,881 | 1,300,000 | 5,340,378 | 1,673,879 | | |
| 16 Connecticut | 226,991,617 | 190,270,827 | 13,248,097 | 23,472,683 | 77,171,038 | 20,862,330 | 6,600,000 | 44,472,644 | 5,236,004 | |
| MIDDLE ATLANTIC: | | | | | | | | | | |
| 17 New York | 1,908,483,201 | 1,425,051,740 | 169,866,766 | 313,554,895 | 743,823,392 | 225,405,739 | 71,000,000 | 417,046,864 | 30,310,789 | |
| 18 New Jersey | 311,847,948 | 250,323,986 | 25,459,205 | 36,064,757 | 135,000,544 | 31,482,945 | 8,700,000 | 87,484,186 | 7,333,413 | |
| 19 Pennsylvania | 1,729,353,034 | 1,390,752,028 | 163,826,365 | 238,774,841 | 682,334,848 | 156,012,081 | 90,500,000 | 409,068,877 | 25,883,890 | |
| EAST NORTH CENTRAL: | | | | | | | | | | |
| 20 Ohio | 3,095,666,336 | 2,661,435,949 | 146,575,269 | 287,655,118 | 941,729,697 | 155,587,919 | 159,400,000 | 607,037,562 | 19,704,216 | |
| 21 Indiana | 3,042,311,247 | 2,653,643,973 | 127,403,086 | 261,264,188 | 782,101,167 | 99,350,028 | 171,100,000 | 497,229,710 | 14,421,425 | |
| 22 Illinois | 6,066,767,235 | 5,997,993,568 | 222,619,605 | 446,154,064 | 806,996,947 | 142,351,282 | 274,800,000 | 84,737,833 | 17,017,852 | |
| 23 Michigan | 1,763,334,778 | 1,436,686,210 | 122,380,936 | 204,258,632 | 606,886,581 | 111,076,235 | 75,600,000 | 404,014,810 | 16,195,536 | |
| 24 Wisconsin | 2,677,282,997 | 2,187,881,973 | 167,088,909 | 322,312,115 | 780,616,288 | 213,022,023 | 103,300,000 | 445,347,868 | 18,946,397 | |
| WEST NORTH CENTRAL: | | | | | | | | | | |
| 25 Minnesota | 3,787,420,118 | 3,301,168,325 | 181,087,968 | 305,163,825 | 734,455,441 | 113,236,965 | 104,000,000 | 506,020,233 | 11,228,243 | |
| 26 Iowa | 8,524,870,856 | 7,601,772,290 | 309,172,898 | 613,926,263 | 1,447,938,473 | 130,260,447 | 420,300,000 | 590,301,299 | 6,996,727 | |
| 27 Missouri | 3,591,968,085 | 3,062,967,700 | 138,261,840 | 389,839,045 | 952,663,253 | 105,601,496 | 270,800,000 | 559,047,854 | 17,213,963 | |
| 28 North Dakota | 1,759,742,995 | 1,458,521,495 | 114,186,865 | 157,034,635 | 288,055,889 | 30,979,932 | 34,900,000 | 301,782,935 | 393,022 | |
| 29 South Dakota | 2,823,870,210 | 2,472,893,681 | 112,408,268 | 238,568,263 | 411,111,307 | 35,739,209 | 68,700,000 | 311,008,809 | 685,289 | |
| 30 Nebraska | 4,201,655,992 | 3,712,107,760 | 153,104,448 | 336,443,784 | 784,677,206 | 54,612,075 | 208,700,000 | 519,729,771 | 1,635,360 | |
| 31 Kansas | 3,302,806,187 | 2,830,063,918 | 154,716,977 | 318,025,292 | 882,365,863 | 80,322,550 | 210,200,000 | 588,023,248 | 2,920,065 | |
| SOUTH ATLANTIC: | | | | | | | | | | |
| 32 Delaware | 80,137,614 | 64,755,631 | 6,781,318 | 8,600,665 | 32,182,526 | 5,778,747 | 2,400,000 | 23,068,906 | 944,873 | |
| 33 Maryland | 463,638,120 | 356,596,850 | 28,970,020 | 48,071,250 | 158,178,779 | 25,522,172 | 16,800,000 | 100,858,608 | 5,997,999 | |
| 34 District of Columbia | 5,927,987 | 5,577,369 | 104,254 | 246,366 | 101,197,770 | 119,203 | 50,000 | 307,614 | 542,893 | |
| 35 Virginia | 1,196,555,772 | 1,024,435,025 | 50,151,466 | 121,909,281 | 425,199,212 | 46,311,494 | 61,100,000 | 292,824,260 | 24,963,458 | |
| 36 West Virginia | 496,439,617 | 410,783,406 | 18,395,058 | 67,261,153 | 189,066,516 | 26,332,970 | 34,600,000 | 96,537,459 | 11,506,087 | |
| 37 North Carolina | 1,250,166,995 | 1,076,302,960 | 54,621,363 | 119,152,672 | 614,034,854 | 35,360,058 | 41,000,000 | 508,229,313 | 33,395,455 | |
| 38 South Carolina | 953,064,742 | 813,484,200 | 48,062,387 | 91,518,155 | 439,979,710 | 20,354,060 | 18,000,000 | 437,121,837 | 14,503,813 | |
| 39 Georgia | 1,366,688,196 | 1,138,298,927 | 68,843,220 | 185,043,349 | 688,430,053 | 36,401,316 | 39,000,000 | 540,613,620 | 22,415,111 | |
| 40 Florida | 380,301,717 | 281,449,404 | 13,551,773 | 85,300,540 | 101,204,046 | 7,621,885 | 8,000,000 | 80,256,806 | 5,325,355 | |
| EAST SOUTH CENTRAL: | | | | | | | | | | |
| 41 Kentucky | 1,511,901,077 | 1,305,155,936 | 48,354,857 | 158,387,284 | 512,459,424 | 50,928,217 | 66,800,000 | 347,338,888 | 17,302,319 | |
| 42 Tennessee | 1,251,964,585 | 1,024,979,394 | 53,462,556 | 173,522,125 | 492,407,214 | 50,980,694 | 101,000,000 | 318,285,307 | 22,161,213 | |
| 43 Alabama | 690,845,720 | 543,657,755 | 34,368,217 | 112,824,748 | 383,178,279 | 30,426,988 | 29,100,000 | 304,348,638 | 19,302,648 | |
| 44 Mississippi | 964,751,855 | 789,896,778 | 39,881,268 | 134,973,821 | 407,499,799 | 27,327,885 | 29,600,000 | 336,207,150 | 14,364,758 | |
| WEST SOUTH CENTRAL: | | | | | | | | | | |
| 45 Arkansas | 924,395,483 | 753,110,666 | 43,432,237 | 127,852,580 | 424,498,802 | 30,083,950 | 39,400,000 | 340,813,256 | 14,189,596 | |
| 46 Louisiana | 559,826,679 | 474,038,793 | 32,715,010 | 83,072,876 | 237,628,052 | 13,613,465 | 12,100,000 | 206,182,548 | 5,732,039 | |
| 47 Oklahoma | 1,660,423,544 | 1,303,885,294 | 80,630,547 | 215,927,703 | 707,895,000 | 49,387,518 | 103,800,000 | 550,084,742 | 4,122,740 | |
| 48 Texas | 4,447,420,821 | 3,700,173,819 | 154,320,996 | 592,926,006 | 1,389,471,705 | 87,761,715 | 196,900,000 | 1,071,542,103 | 13,267,887 | |
| 49 MOUNTAIN: | | | | | | | | | | |
| 50 Montana | 985,961,308 | 776,767,529 | 55,004,212 | 154,189,567 | 142,597,141 | 24,809,029 | 46,000,000 | 69,975,185 | 1,812,927 | |
| 51 Idaho | 716,137,910 | 551,511,964 | 38,417,253 | 96,208,093 | 131,709,556 | 22,225,355 | 30,500,000 | 126,495,111 | 2,489,090 | |
| 52 Wyoming | 834,410,590 | 234,748,125 | 11,777,949 | 87,884,516 | 68,183,818 | 14,004,109 | 23,700,000 | 30,270,630 | 170,079 | |
| 53 Colorado | 1,076,794,749 | 868,013,660 | 49,804,509 | 160,976,580 | 280,295,333 | 20,921,292 | 70,600,000 | 181,065,239 | 1,705,802 | |
| 54 New Mexico | 325,185,993 | 221,314,212 | 9,745,360 | 93,626,418 | 75,172,758 | 8,447,826 | 25,700,000 | 40,619,634 | 405,298 | |
| 55 Arizona | 233,502,050 | 172,325,321 | 8,820,657 | 52,447,001 | 59,771,894 | 6,204,886 | 10,900,000 | 42,481,230 | 95,578 | |
| 56 Utah | 311,274,728 | 243,751,758 | 13,514,787 | 54,008,183 | 87,764,314 | 13,735,828 | 15,600,000 | 58,067,087 | 361,424 | |
| 57 Nevada | 99,779,666 | 66,255,214 | 3,630,927 | 20,893,525 | 26,418,019 | 4,694,849 | 7,700,000 | 13,980,303 | 43,067 | |
| PACIFIC: | | | | | | | | | | |
| 58 Washington | 1,057,429,848 | 920,302,341 | 54,721,377 | 82,316,130 | 301,271,159 | 44,066,349 | 23,900,000 | 227,212,008 | 6,002,802 | |
| 59 Oregon | 818,559,751 | 675,213,284 | 41,567,125 | 101,779,342 | 208,459,266 | 35,140,671 | 38,200,000 | 181,884,639 | 6,227,956 | |
| 59 California | 3,431,021,861 | 3,073,811,109 | 136,069,290 | 221,141,462 | 770,544,880 | 103,932,018 | 67,500,000 | 589,757,377 | 9,355,490 | |

¹ The gross value of farm products, obtained by adding the value of crops, live-stock products, etc., contains a considerable amount of duplication, on account of crops fed to live stock. It is roughly analogous to the value of products in manufactures, with its duplication on account of the use of the products of one establishment as materials in another.

² These include dairy products, wool and mohair, eggs and chickens, and honey and wax.

³ Estimated value of domestic animals sold by farmers and animals slaughtered on the farms, whether for sale or for home consumption.

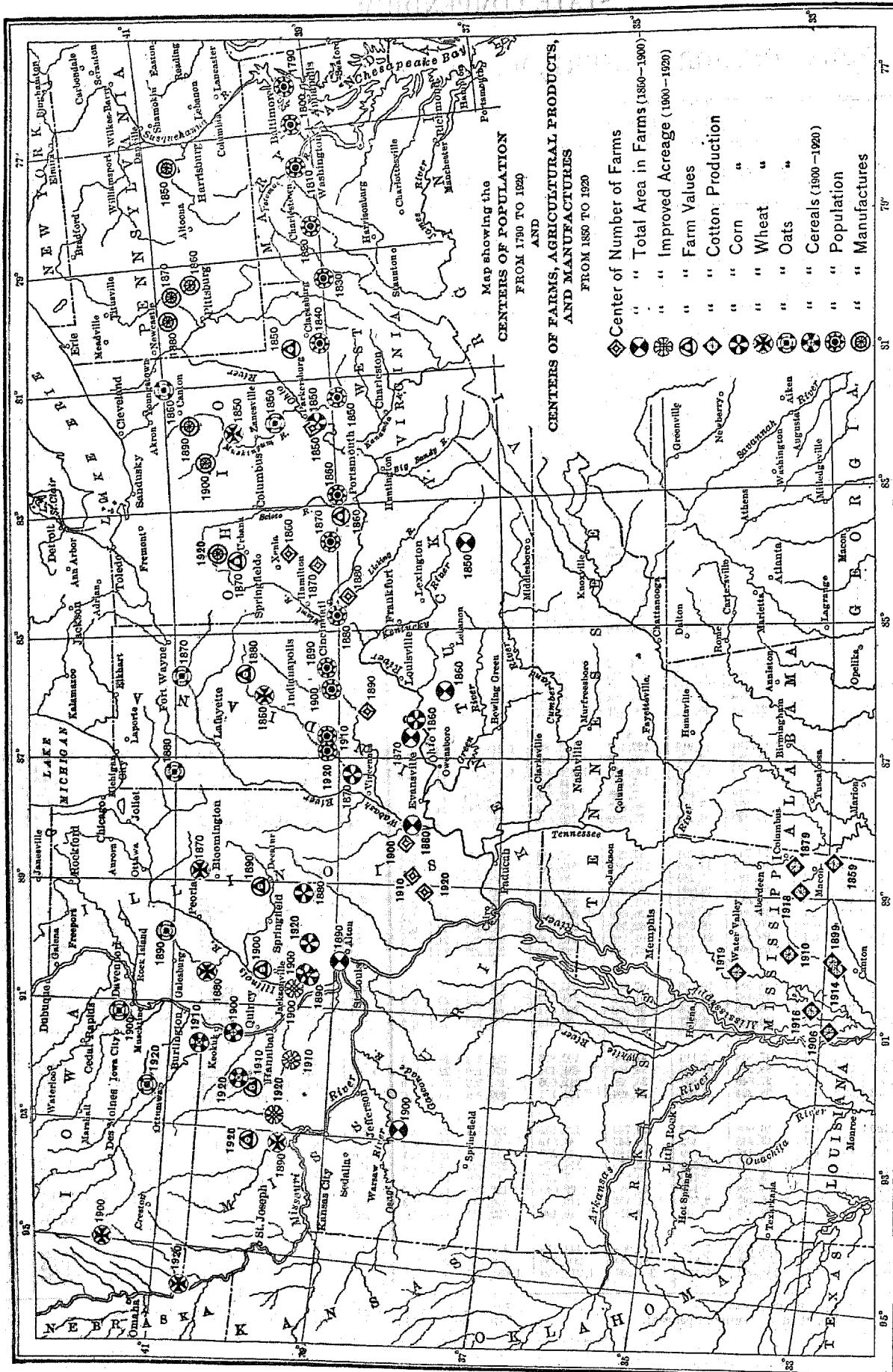
⁴ These include forest products of farms valued (for the United States) at \$304,321,828, nursery products valued at \$20,434,399, and greenhouse products valued at \$7,380,230.

STATE COMPENDIUM.

5

FOR POPULATION, AGRICULTURE, MANUFACTURES, AND MINES AND QUARRIES.

| MANUFACTURES.* | | | | | | | | | | MINES AND QUARRIES.* | | | | | | | | | | |
|--------------------------|---------------------------------|-------|-----------------------|-----------|-----------|---------------------|---------------------|---------------------|------------------------|--------------------------|-------------------------------|------------------|--|------------------------|--------|-------------------------|------------------------|---------|-----|----|
| Number of establishments | AVERAGE NUMBER OF WAGE EARNERS. | | | | | Wages. | Cost of materials. | VALUE OF PRODUCTS. | | Number of establishments | Number of mines and quarries. | Number of wells. | AVERAGE NUMBER OF WAGE EARNERS. ⁵ | | Wages. | VALUE OF PRODUCTS. | | | | |
| | Total: | Rank. | Percent distribution. | Male. | Female. | | | Amount. | Per cent distribution. | | | | Total. | Per cent distribution. | | Amount. | Per cent distribution. | | | |
| | Expressed in thousands. | | | | | | | | | | | | | | | Expressed in thousands. | | | | |
| 290,105 | 9,096,372 | .... | 100.0 | 7,267,030 | 1,829,342 | Dollars. 10,533,400 | Dollars. 37,376,380 | Dollars. 62,418,079 | .... | 100.0 | 21,280 | 13,844 | 257,673 | 981,560 | 100.0 | Dollars. 1,295,936 | Dollars. 3,158,484 | 100.0 | 1 | |
| 25,528 | 1,351,389 | 3 | 14.9 | 955,597 | 395,792 | 1,436,435 | 3,951,908 | 7,183,071 | 3 | 11.5 | 302 | 334 | 91,..... | 7,213 | 0.7 | 8,034 | 18,724 | 0.6 | 2 | |
| 88,360 | 2,872,658 | 1 | 31.6 | 2,179,258 | 693,395 | 3,404,931 | 11,424,096 | 19,854,773 | 1 | 31.8 | 6,004 | 3,870 | 91,511 | 33,444 | 34.0 | 458,108 | 863,491 | 27.0 | 3 | |
| 61,332 | 2,396,618 | 2 | 20.3 | 2,030,024 | 366,594 | 2,992,931 | 10,621,687 | 17,737,480 | 2 | 23.4 | 3,772 | 2,324 | 54,413 | 190,011 | 19.4 | 237,638 | 480,453 | 15.2 | 4 | |
| 23,166 | 499,635 | 5 | 5.5 | 408,369 | 91,266 | 546,172 | 3,778,125 | 5,187,065 | 4 | 8.3 | 1,726 | 1,270 | 12,691 | 62,253 | 6.3 | 84,268 | 280,111 | 8.9 | 5 | |
| 29,976 | 817,212 | 4 | 9.0 | 658,092 | 159,120 | 778,027 | 2,506,265 | 4,455,152 | 5 | 7.1 | 2,294 | 1,976 | 27,363 | 128,707 | 13.2 | 149,276 | 352,074 | 11.1 | 6 | |
| 14,655 | 329,226 | 7 | 3.6 | 286,147 | 43,079 | 298,711 | 977,824 | 1,642,391 | 8 | 2.6 | 1,405 | 1,475 | 5,223 | 90,612 | 9.2 | 98,768 | 181,645 | 5.8 | 7 | |
| 13,909 | 285,244 | 8 | 3.1 | 261,907 | 23,277 | 293,022 | 1,547,094 | 2,277,861 | 7 | 3.6 | 2,821 | 495 | 56,087 | 69,936 | 6.3 | 88,445 | 490,727 | 15.5 | 8 | |
| 7,612 | 109,216 | 9 | 1.2 | 101,858 | 7,355 | 141,902 | 610,239 | 922,076 | 8 | 1.5 | 1,508 | 1,598 | 1,183 | 81,510 | 8.3 | 131,192 | 321,826 | 10.2 | 9 | |
| 19,367 | 435,179 | 6 | 4.8 | 385,713 | 49,461 | 581,269 | 1,868,242 | 3,157,610 | 6 | 5.1 | 858 | 502 | 9,197 | 25,134 | 2.6 | 40,207 | 176,984 | 5.7 | 10 | |
| 2,005 | 88,651 | 24 | 1.0 | 68,530 | 20,121 | 94,225 | 254,569 | 456,822 | 28 | 0.7 | 50 | 51 | ..... | 979 | 0.1 | 1,052 | 1,824 | 0.1 | 11 | |
| 1,490 | 83,074 | 25 | 0.9 | 57,667 | 25,407 | 79,326 | 239,528 | 407,205 | 29 | 0.7 | 30 | 33 | ..... | 682 | 0.1 | 525 | 1,568 | (4) | 12 | |
| 1,790 | 83,491 | 37 | 0.4 | 28,613 | 4,878 | 34,084 | 95,173 | 108,108 | 38 | 0.3 | 93 | 109 | ..... | 2,956 | 0.3 | 3,041 | 8,555 | 0.3 | 13 | |
| 17,906 | 713,836 | 4 | 7.8 | 490,006 | 223,830 | 706,623 | 2,260,713 | 4,011,182 | 5 | 6.4 | 74 | 79 | ..... | 1,704 | 0.2 | 2,069 | 4,176 | 0.1 | 14 | |
| 2,466 | 139,065 | 15 | 1.5 | 89,734 | 49,931 | 137,495 | 415,959 | 747,323 | 19 | 1.2 | 14 | 15 | ..... | 369 | (5) | 400 | 952 | (6) | 15 | |
| 4,672 | 292,672 | 8 | 3.2 | 221,047 | 71,625 | 324,682 | 685,937 | 1,392,432 | 12 | 2.2 | 41 | 47 | ..... | 543 | 0.1 | 647 | 1,849 | 0.1 | 16 | |
| 49,330 | 1,228,130 | 1 | 13.5 | 876,680 | 351,450 | 1,458,207 | 4,943,214 | 8,867,005 | 1 | 14.2 | 700 | 147 | 14,186 | 6,202 | 0.6 | 7,497 | 25,131 | 0.8 | 17 | |
| 11,057 | 508,686 | 6 | 5.6 | 388,410 | 120,267 | 600,058 | 2,270,473 | 3,672,065 | 6 | 5.9 | 97 | 102 | ..... | 4,576 | 0.5 | 5,393 | 9,309 | 0.3 | 18 | |
| 27,973 | 1,135,837 | 2 | 12.5 | 914,150 | 221,678 | 1,406,066 | 4,210,409 | 7,315,703 | 2 | 11.7 | 5,807 | 3,621 | 77,325 | 323,397 | 32.9 | 445,218 | 819,451 | 25.9 | 19 | |
| 16,125 | 730,733 | 3 | 8.0 | 625,668 | 105,065 | 944,652 | 2,911,948 | 5,100,300 | 4 | 8.2 | 2,283 | 1,064 | 35,440 | 49,298 | 5.0 | 58,110 | 134,519 | 4.3 | 20 | |
| 7,916 | 277,580 | 9 | 3.1 | 235,805 | 41,775 | 317,043 | 1,174,950 | 1,898,753 | 5 | 3.0 | 503 | 308 | 2,458 | 28,751 | 2.7 | 30,198 | 52,840 | 1.7 | 21 | |
| 18,593 | 653,114 | 5 | 7.2 | 527,205 | 125,909 | 801,087 | 3,488,271 | 5,425,245 | 3 | 8.7 | 772 | 590 | 16,498 | 79,123 | 8.1 | 94,179 | 178,673 | 5.7 | 22 | |
| 8,305 | 471,242 | 7 | 5.2 | 417,708 | 53,534 | 639,708 | 1,919,243 | 3,496,188 | 7 | 5.6 | 122 | 185 | 19 | 31,292 | 3.2 | 56,408 | 103,870 | 3.3 | 23 | |
| 10,393 | 283,949 | 10 | 2.9 | 223,638 | 40,311 | 290,441 | 1,127,275 | 1,846,984 | 10 | 3.0 | 92 | 93 | ..... | 8,547 | 0.4 | 4,760 | 10,581 | 0.3 | 24 | |
| 6,225 | 115,623 | 19 | 1.3 | 96,704 | 18,919 | 127,107 | 883,090 | 1,218,130 | 13 | 2.0 | 135 | 196 | ..... | 17,265 | 1.8 | 29,353 | 130,399 | 4.1 | 25 | |
| 5,683 | 80,551 | 27 | 0.9 | 68,080 | 12,471 | 90,117 | 520,241 | 745,473 | 20 | 1.2 | 198 | 226 | ..... | 11,274 | 1.1 | 12,467 | 18,474 | 0.6 | 26 | |
| 8,592 | 195,037 | 12 | 2.1 | 147,635 | 47,402 | 196,515 | 1,056,457 | 1,594,208 | 11 | 2.5 | 468 | 494 | ..... | 14,857 | 1.5 | 16,777 | 33,386 | 1.1 | 27 | |
| 894 | 4,472 | 43 | (6) | 4,136 | 336 | 5,401 | 44,490 | 57,374 | 7 | 0.1 | 79 | 79 | ..... | 774 | (1) | 1,029 | 1,927 | 0.1 | 28 | |
| 1,414 | 6,382 | 46 | 0.1 | 5,719 | 668 | 7,905 | 42,986 | 62,171 | 46 | 0.1 | 23 | 28 | 1 | 1,785 | 0.2 | 2,497 | 5,314 | 0.2 | 29 | |
| 2,884 | 86,521 | 35 | 0.4 | 31,275 | 5,246 | 46,067 | 480,774 | 506,042 | 24 | 1.0 | 102 | 166 | ..... | 162 | (5) | 166 | 293 | (6) | 30 | |
| 3,474 | 61,049 | 31 | 0.7 | 54,820 | 6,220 | 76,060 | 750,088 | 913,607 | 16 | 1.5 | 814 | 238 | 12,680 | 16,130 | 1.6 | 21,949 | 90,338 | 2.9 | 31 | |
| 688 | 29,035 | 39 | 0.3 | 24,744 | 4,291 | 37,265 | 85,433 | 165,073 | 40 | 0.3 | 7 | 8 | ..... | 116 | (5) | 136 | 244 | (6) | 32 | |
| 4,937 | 140,842 | 14 | 1.5 | 104,977 | 35,365 | 147,867 | 549,347 | 873,945 | 17 | 1.4 | 126 | 161 | ..... | 5,628 | 0.6 | 6,152 | 9,699 | 0.3 | 33 | |
| 595 | 10,482 | 43 | 0.1 | 9,193 | 1,289 | 13,189 | 30,940 | 68,826 | 45 | 0.1 | 3 | 3 | ..... | 12 | (5) | 8 | 16 | (4) | 34 | |
| 5,603 | 119,352 | 18 | 1.3 | 99,353 | 19,999 | 120,007 | 371,541 | 643,512 | 23 | 1.0 | 202 | 216 | ..... | 14,547 | 1.5 | 16,108 | 29,363 | 0.9 | 35 | |
| 2,785 | 83,036 | 26 | 0.9 | 74,654 | 8,352 | 101,840 | 270,941 | 471,971 | 27 | 0.8 | 1,714 | 1,325 | 27,363 | 100,812 | 10.3 | 119,578 | 295,807 | 9.3 | 36 | |
| 5,999 | 157,659 | 13 | 1.7 | 116,391 | 41,268 | 162,680 | 526,906 | 943,808 | 15 | 1.5 | 102 | 106 | ..... | 1,800 | 0.2 | 1,489 | 2,736 | 0.1 | 37 | |
| 2,004 | 79,450 | 28 | 0.9 | 60,800 | 18,050 | 62,568 | 227,986 | 381,453 | 20 | 0.6 | 92 | 93 | ..... | 933 | 0.1 | 630 | 1,351 | (4) | 38 | |
| 4,803 | 123,441 | 17 | 1.4 | 99,252 | 24,159 | 101,180 | 440,490 | 603,237 | 21 | 1.1 | 74 | 82 | ..... | 2,897 | 0.2 | 2,017 | 4,082 | 0.1 | 39 | |
| 2,582 | 74,415 | 29 | 0.8 | 68,608 | 5,747 | 67,433 | 92,680 | 213,327 | 35 | 0.3 | 36 | 55 | ..... | 8,372 | 0.3 | 3,108 | 8,976 | 0.3 | 40 | |
| 3,957 | 69,340 | 30 | 0.8 | 58,584 | 10,756 | 67,034 | 235,715 | 395,660 | 31 | 0.6 | 938 | 864 | 5,214 | 43,563 | 4.4 | 49,551 | 98,487 | 3.1 | 41 | |
| 4,589 | 95,167 | 23 | 1.0 | 76,187 | 15,980 | 81,355 | 344,767 | 556,253 | 25 | 0.9 | 203 | 203 | 14 | 14,470 | 1.5 | 12,987 | 23,292 | 0.7 | 42 | |
| 3,054 | 107,159 | 21 | 1.2 | 96,783 | 10,376 | 99,068 | 300,664 | 492,731 | 30 | 0.6 | 348 | 348 | ..... | 32,579 | 3.3 | 36,230 | 59,866 | 1.9 | 43 | |
| 2,455 | 57,500 | 33 | 0.6 | 54,593 | 2,967 | 51,256 | 96,678 | 197,747 | 37 | 0.3 | (1) | ..... | ..... | ..... | ..... | ..... | ..... | 44 | | |
| 8,123 | 49,954 | 34 | 0.5 | 47,888 | 2,116 | 47,188 | 102,813 | 200,313 | 36 | 0.3 | 126 | 126 | 124 | 3,630 | 0.4 | 4,573 | 8,404 | 0.3 | 45 | |
| 2,617 | 98,265 | 22 | 1.1 | 88,259 | 10,006 | 94,404 | 431,404 | 676,190 | 22 | 1.1 | 8 | 137 | 4 | 2,479 | 5,228 | 0.5 | 7,505 | 40,017 | 1.3 | 46 |
| 2,445 | 29,503 | 38 | 0.3 | 27,646 | 1,857 | 35,028 | 312,606 | 401,363 | 30 | 0.6 | 1,934 | 284 | 44,735 | 33,914 | 3.5 | 46,809 | 281,928 | 8.9 | 47 | |
| 5,724 | 107,522 | 20 | 1.2 | 98,224 | 9,298 | 116,404 | 701,171 | 998,998 | 14 | 1.6 | 624 | 849 | 18,164 | 1,9 | 1.9 | 29,558 | 160,378 | 5.1 | 48 | |
| 1,200 | 17,160 | 41 | 0.2 | 16,608 | 552 | 24,743 | 122,152 | 168,664 | 39 | 0.3 | 259 | 269 | 28 | 16,120 | 1.6 | 25,724 | 49,924 | 1.6 | 49 | |
| 922 | 13,917 | 42 | 0.2 | 13,445 | 472 | 18,547 | 43,949 | 80,511 | 44 | 0.1 | 82 | 83 | ..... | 2,455 | 0.8 | 4,202 | 11,840 | 0.4 | 50 | |
| 576 | 6,034 | 45 | 0.1 | 6,545 | 89 | 11,189 | 42,250 | 81,445 | 43 | 0.1 | 106 | 87 | 1,084 | 9,699 | 1.0 | 14,576 | 41,929 | 1.3 | 51 | |
| 2,631 | 35,254 | 36 | 0.4 | 31,902 | 8,352 | 42,975 | 174,870 | 275,622 | 34 | 0.4 | 477 | 523 | 70 | 16,790 | 1.7 | 25,405 | 51,217 | 1.6</td | | |



Note.—The centers for manufactures and for all crops except cotton are based on data for the year preceding the census year indicated on the map; for the centers of cotton production the exact dates are shown on the map.

WASHINGTON.

NUMBER AND DISTRIBUTION OF INHABITANTS.

Population of the state.—According to the Fourteenth Census, taken as of January 1, 1920, the population of Washington is 1,356,621, which represents an increase of 214,631, or 18.8 per cent, over the population in 1910. During the same period the population

of the United States increased by 14.9 per cent. The following summary shows the population of Washington from 1860 to 1920, inclusive, with the number and per cent of increase for each decade, in comparison with the per cent of increase for the United States:

POPULATION OF WASHINGTON: 1860 TO 1920.

| CENSUS YEAR. | Population. | INCREASE OVER PRECEDING CENSUS. | | Per cent of increase for the United States. |
|--------------|-------------|---------------------------------|-----------|---|
| | | Number. | Per cent. | |
| 1920..... | 1,356,621 | 214,631 | 18.8 | 14.9 |
| 1910..... | 1,141,990 | 623,887 | 120.4 | 21.0 |
| 1900..... | 518,103 | 160,871 | 45.0 | 20.7 |
| 1890..... | 357,232 | 282,116 | 375.6 | 25.5 |
| 1880..... | 75,116 | 51,161 | 213.6 | 30.1 |
| 1870..... | 23,955 | 12,361 | 106.6 | 22.6 |
| 1860..... | 11,594 | | | |

Counties.—Washington has 39 counties, of which 14 show decreases as compared with 1910. (See Table 1.) Because of the organization of Pend Oreille County from a part of Stevens County in 1911, it has been necessary, in preparing the accompanying maps, showing rates of increase or decrease in total and rural population, to combine these two counties. No annexations of territory were made during the decade.

Density of population.—The total land area of the state is 66,836 square miles. The average number of inhabitants to the square mile in 1920 is 20.3 (see Table 1), as against 17.1 in 1910 and 7.8 in 1900.

Minor civil divisions.—The political units into which the counties are divided are collectively termed "minor civil divisions." The 39 counties of Wash-

ton are made up of 1,563 primary divisions, comprising 1,461 election precincts, 82 townships, 8 cities, and 12 towns. Population figures are presented for these primary divisions so far as reported separately, but 1 township (8 N., R. 3 E., in Cowlitz County), for which no population was returned, does not appear in the table. There are also 190 secondary divisions, comprising 61 cities and 129 towns. Each of 35 cities and 38 towns is coextensive with the election precinct in which located, and each of 17 cities and 29 towns comprises 2 or more precincts or parts of precincts. Besides these primary and secondary divisions there are 14 Indian reservations, 1 navy yard, 1 national park, and a tract of unsurveyed land, not located in any precinct or township, for which population is returned. The Indian reservations, though

HISTORICAL NOTE.—Washington was named in honor of the first President of the United States.

The first well authenticated exploration within the present limits of the state of Washington occurred in 1774, when Juan Perez, a Spaniard, sailed up the coast as far as 54° north latitude. The first permanent settlement within the present limits of Washington was made in 1845 at New Market, now Tumwater.

The possession of the Oregon country of which Washington originally formed a part, was, at the beginning of the nineteenth century, in dispute among the United States, Great Britain, Spain, and Russia, each nation basing its right to possession on discoveries and explorations. English and Spanish navigators had visited the Oregon coast from time to time during the sixteenth, seventeenth, and eighteenth centuries. In 1792 Robert Gray, captain of a merchant ship from Boston, entered the river which he named Columbia, and in 1805 the United States Government exploring expedition under Lewis and Clark descended the Columbia to its mouth. Russia had made settlements in Alaska in the early part of the eighteenth century and for this reason laid claim to territory as far south as the present state of California. All that remained of the Spanish claim after the cession of Louisiana to France in 1800 was relinquished at the time of the Florida Purchase in 1819, when Spain

transferred to the United States "all rights, claims, and pretensions to any country north of the forty-second parallel." In 1824 Russia surrendered to the United States all claims south of 54° 40'.

In 1818 a treaty had been concluded between the United States and England, under which the two countries jointly occupied the Oregon region, but in 1846 this joint occupation was terminated by a treaty fixing the boundary between the United States and Canada at its present location.

In 1848 Congress provided a territorial government for Oregon, which then extended from the forty-second parallel to the Canadian boundary and from the Pacific Ocean to the Rocky Mountains. In 1853 that part of Oregon lying north of the Columbia River and the forty-sixth parallel east of its point of intersection with that river was organized as Washington territory. Six years later, when Oregon, with its present boundaries, became a state of the Union, that portion of the former territory lying east of the new state was added to Washington territory, so that the latter then included the area now constituting Idaho and parts of western Montana and Wyoming. In 1863 Idaho territory was organized, leaving the territory of Washington with the same boundaries as the present state.

Washington was admitted to the Union as the forty-second state in 1889.

POPULATION—WASHINGTON.

independent of the county organizations, have been considered, for census purposes, as forming parts of the counties in which they are located. (See Table 2.)

Cities.—Washington has 69 cities, of which Seattle, with a population of 315,312, is the largest. Spokane, with 104,437, and Tacoma, with 96,965, are the only

remaining cities having more than 50,000 inhabitants. (See Tables 3 and 4.)

The following summary shows, for each city having 15,000 or more inhabitants in 1920, the population at each census for which figures are available, together with the number and per cent of increase during the preceding decade:

POPULATION OF PRINCIPAL CITIES FROM EARLIEST CENSUS TO 1920.

[A minus sign (—) denotes decrease.]

| CITY AND CENSUS YEAR. | Population. | INCREASE OVER PRECEDING CENSUS. | | CITY AND CENSUS YEAR. | Population. | INCREASE OVER PRECEDING CENSUS. | |
|-----------------------|-------------|---------------------------------|----------|-----------------------|-------------|---------------------------------|----------|
| | | Number. | Percent. | | | Number. | Percent. |
| Aberdeen: | | | | Spokane: | | | |
| 1920..... | 15,337 | 1,677 | 12.8 | 1920..... | 104,437 | 35 | (1) |
| 1910..... | 13,660 | 9,913 | 264.6 | 1910..... | 104,402 | 67,554 | 183.3 |
| 1900..... | 3,747 | 2,109 | 128.8 | 1900..... | 36,548 | 16,928 | 85.0 |
| 1890..... | 1,638 | ..... | ..... | 1890..... | 10,922 | ..... | ..... |
| Bellingham: | | | | Tacoma: | | | |
| 1920..... | 25,585 | 1,287 | 5.3 | 1920..... | 96,965 | 13,222 | 15.8 |
| 1910..... | 24,298 | 13,236 | 119.7 | 1910..... | 83,743 | 46,029 | 122.0 |
| 1900..... | 11,062 | 2,927 | 36.0 | 1900..... | 37,714 | 1,708 | 4.7 |
| 1890..... | 8,135 | ..... | ..... | 1890..... | 36,006 | ..... | ..... |
| Everett: | | | | Walla Walla: | | | |
| 1920..... | 27,644 | 2,830 | 11.4 | 1920..... | 15,503 | -3,861 | -19.9 |
| 1910..... | 24,814 | 16,976 | 216.6 | 1910..... | 19,364 | 9,315 | 92.7 |
| 1900..... | 7,838 | ..... | ..... | 1900..... | 10,049 | 5,340 | 113.4 |
| Seattle: | | | | 1890..... | 4,709 | 1,121 | 31.2 |
| 1920..... | 315,312 | 78,118 | 32.9 | 1880..... | 3,588 | 2,194 | 157.4 |
| 1910..... | 237,194 | 156,523 | 194.0 | 1870..... | 1,394 | ..... | ..... |
| 1900..... | 80,671 | 37,834 | 88.3 | Yakima: | | | |
| 1890..... | 42,837 | 39,304 | 1,112.5 | 1920..... | 18,539 | 4,457 | 31.7 |
| 1880..... | 3,533 | 2,426 | 210.2 | 1910..... | 14,082 | 10,928 | 346.5 |
| 1870..... | 1,107 | ..... | ..... | 1900..... | 3,154 | 1,619 | 105.5 |
| | | | | 1890..... | 1,535 | ..... | ..... |

* Less than one-tenth of 1 per cent.

Urban and rural population.—The Census Bureau defines urban population as that residing in cities and other incorporated places having 2,500 inhabitants or more, and rural population as that residing outside such incorporated places.

The following summary presents, for the last three censuses, figures showing the urban and rural population of the state distributed among places grouped according to specified limits of population. The classification for each census is based upon the population

of the various places as shown by the returns of that census. Consequently the territory comprised within any one class of cities or that designated as urban or as rural does not remain fixed, because any given place may, through the growth or the decline of its population, pass from one class to another at successive censuses. The proportion of the population of Washington living in places of 2,500 or more increased from 40.8 per cent in 1900 to 53 per cent in 1910 and to 55.2 per cent in 1920.

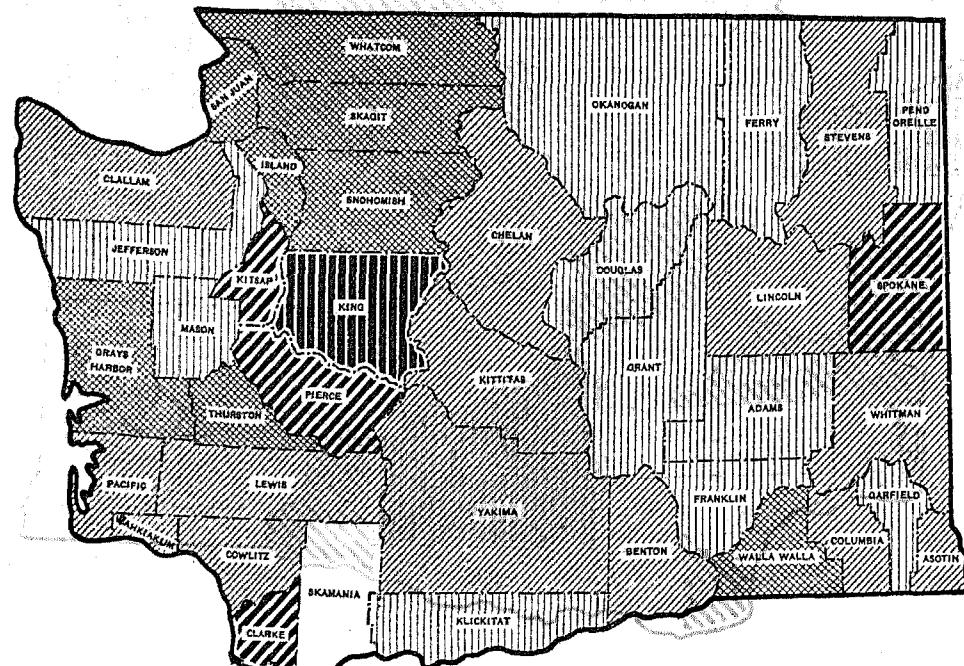
URBAN AND RURAL POPULATION: 1920, 1910, AND 1900.

| CLASS OF PLACES. | 1920 | | 1910 | | 1900 | | PER CENT OF TOTAL POPULATION. | | |
|--|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------------------|-------|-------|
| | Number of places. | Population. | Number of places. | Population. | Number of places. | Population. | 1920 | 1910 | 1900 |
| Total population..... | 1,358,021 | ..... | 1,141,990 | ..... | 518,103 | ..... | 100.0 | 100.0 | 100.0 |
| Urban territory..... | 35 | 748,735 | 27 | 605,530 | 15 | 211,477 | 55.2 | 53.0 | 40.8 |
| Cities and towns of— | | | | | | | | | |
| 100,000 inhabitants or more..... | 2 | 419,749 | 2 | 341,506 | 1 | 80,671 | 30.9 | 29.9 | ..... |
| 50,000 to 100,000 inhabitants..... | 1 | 58,965 | 1 | 83,743 | 1 | 74,562 | 7.1 | 7.3 | 15.6 |
| 25,000 to 50,000 inhabitants..... | 2 | 53,229 | 2 | ..... | 2 | 3,9 | 3.9 | ..... | 14.4 |
| 10,000 to 25,000 inhabitants..... | 5 | 72,074 | 5 | 96,218 | 1 | 10,049 | 5.3 | 8.4 | 1.9 |
| 5,000 to 10,000 inhabitants..... | 7 | 47,644 | 4 | 31,778 | 2 | 14,672 | 3.5 | 2.8 | 2.8 |
| 2,500 to 5,000 inhabitants..... | 18 | 58,174 | 15 | 52,195 | 9 | 31,523 | 4.4 | 4.6 | 6.1 |
| Rural territory..... | | 607,886 | | 536,460 | | 306,626 | 44.8 | 47.0 | 59.2 |
| Cities and towns of less than 2,500 inhabitants..... | 175 | 130,211 | 150 | 120,532 | 74 | 58,022 | 9.6 | 10.6 | 11.2 |
| Other rural territory..... | | 477,075 | | 416,928 | | 248,604 | 35.2 | 36.4 | 48.0 |

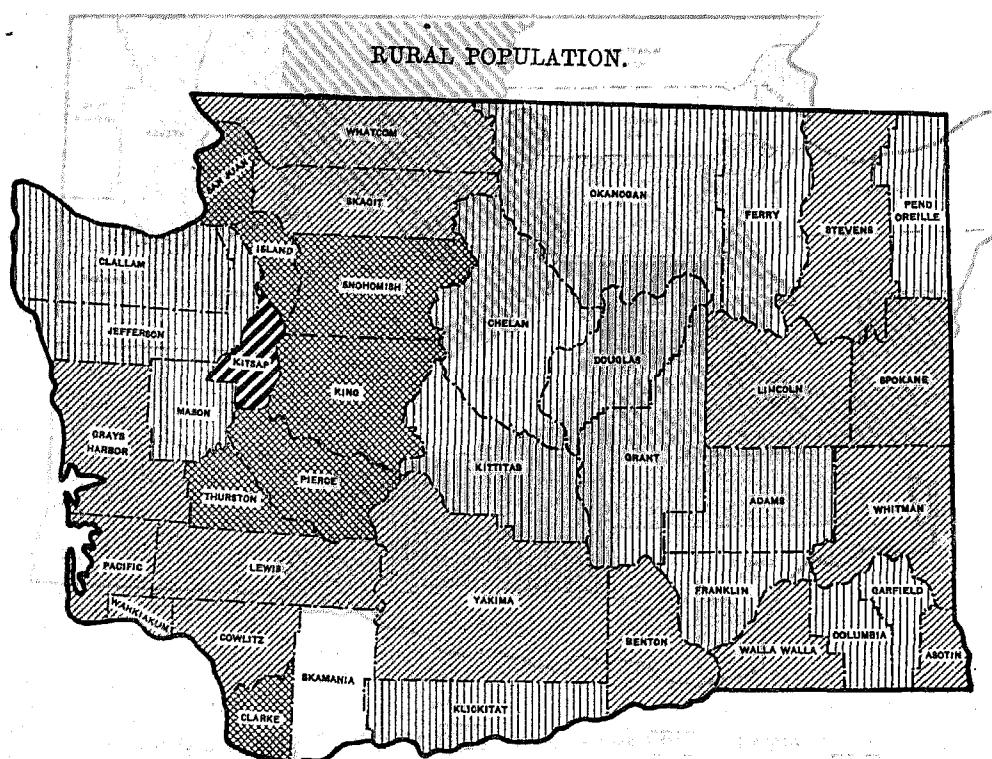
DENSITY OF POPULATION OF WASHINGTON, BY COUNTIES: 1920.

Rural population is defined as that residing outside of incorporated places having 2,500 inhabitants or more.

TOTAL POPULATION.



RURAL POPULATION.



NUMBER OF INHABITANTS PER SQUARE MILE

| | | |
|-------------|------------------|----------------|
| LESS THAN 2 | 8 TO 18 | 45 TO 90 |
| 2 TO 8 | DOTTED | 18 TO 45 |
| | HORIZONTAL LINES | VERTICAL LINES |
| | DASH-DOT | DIAGONAL LINES |

NUMBER AND DISTRIBUTION.

11

TABLE 1.—AREA AND POPULATION OF COUNTIES: 1860 TO 1920.

(In computing the increase from 1890 to 1900 for certain counties the population of Indian reservations in 1900 has been deducted from the total population of the county in order to make it comparable with the total for 1890, which does not include the population of Indian reservations. The population thus deducted in the several counties was as follows: Clallam, 417; Grays Harbor, 193; Jefferson, 35; King, 146; Kitsap, 139; Okanogan, 724; Skagit, 275; Snohomish, 468; Stevens, 589; Whatcom, 359; Yakima, 2,219.)

[A minus sign (—) denotes decrease.]

| COUNTY. | Land area in square miles: 1920. | POPULATION. | | | | | | | | Per cent of increase. | | |
|---------------------------|----------------------------------|-------------|------------------|-----------|---------|-----------|--------|--------|---------------|-----------------------|---------------|-------|
| | | 1920 | | 1910 | 1900 | 1890 | 1880 | 1870 | 1860 | | | |
| | | Total. | Per square mile. | | | | | | 1910 to 1920. | 1900 to 1910. | 1890 to 1900. | |
| Washington ¹ | 66,836 | 1,356,621 | 20.3 | 1,141,980 | 518,103 | 1,357,232 | 75,116 | 23,955 | 11,594 | 18.8 | 120.4 | 45.0 |
| Adams ¹ | 1,012 | 9,623 | 5.0 | 10,920 | 4,840 | 2,098 | — | — | — | -11.9 | 125.6 | 130.7 |
| Astor ¹ | 600 | 6,539 | 10.8 | 5,831 | 3,306 | 1,580 | — | — | — | 12.1 | 73.2 | 113.0 |
| Benton ¹ | 1,671 | 10,903 | 6.5 | 7,937 | — | — | — | — | — | 37.4 | — | — |
| Chelan ¹ | 2,900 | 20,906 | 7.2 | 15,104 | 8,931 | — | — | — | — | 38.4 | 284.2 | — |
| Clallam | 1,726 | 11,368 | 6.8 | 6,755 | 5,603 | 2,771 | 638 | 408 | 149 | 68.3 | 20.6 | 87.2 |
| Clarke | 634 | 82,805 | 51.7 | 26,115 | 13,419 | 11,709 | 5,490 | 3,081 | 2,384 | 25.6 | 94.6 | 14.6 |
| Columbia ¹ | 858 | 6,083 | 7.1 | 7,042 | 7,128 | 6,709 | 7,103 | — | — | -13.5 | -1.2 | 6.2 |
| Cowlitz | 1,153 | 11,791 | 10.2 | 12,561 | 7,877 | 5,917 | 2,062 | 730 | 406 | -6.1 | 59.5 | 33.1 |
| Douglas ¹ | 1,787 | 9,392 | 5.3 | 9,227 | 4,926 | 3,161 | — | — | — | 1.8 | 87.3 | 55.8 |
| Ferry ¹ | 2,220 | 5,143 | 2.3 | 4,800 | 4,502 | — | — | — | — | 7.1 | 5.2 | — |
| Franklin ¹ | 1,206 | 5,877 | 4.9 | 5,153 | 486 | 696 | — | — | — | 14.1 | 960.3 | -30.2 |
| Garfield ¹ | 694 | 3,875 | 5.0 | 4,199 | 3,918 | 3,897 | — | — | — | -7.7 | 7.2 | 0.5 |
| Grant ¹ | 2,720 | 7,771 | 2.9 | 8,698 | — | — | — | — | — | -10.7 | — | — |
| Grays Harbor ¹ | 1,869 | 44,745 | 23.9 | 35,590 | 15,124 | 9,249 | 921 | 401 | 285 | 25.7 | 135.3 | 61.4 |
| Island ¹ | 208 | 5,439 | 26.4 | 4,704 | 1,870 | 1,787 | 1,087 | 626 | 294 | 16.7 | 151.6 | 4.6 |
| Jefferson | 1,805 | 6,557 | 3.8 | 8,337 | 5,712 | 8,368 | 1,712 | 1,268 | 531 | -21.4 | 46.0 | -32.2 |
| King | 2,111 | 389,273 | 184.4 | 284,638 | 110,053 | 63,989 | 6,910 | 2,120 | 302 | 36.8 | 158.6 | 71.8 |
| Kitsap ¹ | 371 | 33,162 | 89.4 | 17,047 | 6,767 | 4,624 | 1,738 | 866 | 544 | 37.9 | 160.8 | 43.3 |
| Kittitas ¹ | 2,329 | 17,737 | 7.6 | 18,581 | 9,704 | 8,777 | — | — | — | -4.4 | 91.3 | 10.6 |
| Klickitat ¹ | 1,825 | 9,268 | 5.1 | 10,180 | 6,407 | 5,167 | 4,055 | 329 | 230 | -9.0 | 68.9 | 24.0 |
| Lewis | 2,369 | 36,840 | 15.6 | 32,127 | 15,157 | 11,499 | 2,800 | 888 | 384 | 14.7 | 112.0 | 31.8 |
| Lincoln ¹ | 2,302 | 15,141 | 6.6 | 17,539 | 11,989 | 9,312 | — | — | — | -13.7 | 46.5 | 28.5 |
| Mason ¹ | 930 | 4,919 | 5.3 | 5,156 | 3,810 | 2,826 | 639 | 289 | 162 | -4.6 | 35.3 | 34.8 |
| Okanogan ¹ | 5,221 | 17,094 | 8.3 | 12,887 | 4,689 | 1,467 | — | — | — | 32.6 | 174.8 | 170.3 |
| Pacific | 895 | 14,891 | 16.6 | 12,532 | 5,983 | 4,358 | 1,645 | 738 | 420 | 18.8 | 109.5 | 37.3 |
| Pend Oreille ¹ | 1,361 | 6,303 | 4.7 | — | — | — | — | — | — | — | — | — |
| Pierce | 1,701 | 144,127 | 84.7 | 120,812 | 55,515 | 50,940 | 3,319 | 1,409 | 1,115 | 19.3 | 117.6 | 9.0 |
| San Juan ¹ | 178 | 3,605 | 20.3 | 3,603 | 2,928 | 2,072 | 948 | 554 | — | 0.1 | 23.1 | 41.3 |
| Skagit | 1,774 | 33,373 | 18.8 | 20,241 | 14,272 | 8,747 | — | — | — | 14.1 | 104.9 | 60.0 |
| Skamania | 1,685 | 2,357 | 1.4 | 2,887 | 1,688 | 774 | 809 | 133 | 173 | -18.4 | 71.0 | 118.1 |
| Snohomish | 2,064 | 67,090 | 32.8 | 59,200 | 23,950 | 8,514 | 1,387 | 599 | — | 14.3 | 147.2 | 175.8 |
| Spokane ¹ | 1,756 | 141,289 | 80.5 | 139,404 | 57,542 | 37,487 | 4,262 | — | 996 | 1.4 | 142.3 | 53.5 |
| Stevens ¹ | 2,505 | 21,605 | 8.6 | 25,297 | 10,543 | 4,341 | 1,245 | 734 | — | -14.6 | 139.9 | 129.3 |
| Thurston | 709 | 22,366 | 81.5 | 17,581 | 8,927 | 9,675 | 3,270 | 2,246 | 1,507 | 27.2 | 77.1 | 2.6 |
| Wahkiakum | 287 | 3,472 | 13.0 | 3,285 | 2,819 | 2,526 | 1,598 | 270 | 42 | 5.7 | 16.5 | 11.6 |
| Walla Walla ¹ | 1,265 | 27,589 | 21.8 | 31,931 | 18,680 | 12,224 | 8,716 | 5,300 | 1,318 | -18.8 | 70.9 | 52.8 |
| Whatcom ¹ | 2,082 | 50,600 | 24.3 | 49,511 | 24,116 | 18,591 | 3,137 | 534 | 352 | 2.2 | 105.3 | 27.8 |
| Whitman ¹ | 2,108 | 31,323 | 14.9 | 38,280 | 25,360 | 19,109 | 7,014 | — | — | -5.9 | 31.2 | 32.7 |
| Yakima ¹ | 5,059 | 63,710 | 12.6 | 41,709 | 13,402 | 4,429 | 2,811 | 432 | — | 52.7 | 209.8 | 153.8 |

CHANGES IN BOUNDARIES, ETC.

THE STATE.—State total for 1890 includes population (7,842) of Indian reservations specifically enumerated in 1890, not distributed by counties.

ADAMS.—Organized from part of Whitman in 1883.

ASOTIN.—Organized from part of Garfield in 1883.

BENTON.—Organized from parts of Klickitat and Yakima in 1905.

CHELAN.—Organized from parts of Kittitas and Okanogan in 1899.

COLUMBIA.—Organized from part of Walla Walla in 1875; part taken to form Garfield in 1881.

DOUGLAS.—Organized from part of Lincoln in 1883; part taken to form Grant in 1909.

FERRY.—Organized from part of Stevens in 1890.

FRANKLIN.—Organized from part of Whitman in 1883.

GARFIELD.—Organized from part of Columbia in 1881; part taken to form Asotin in 1883.

GRANT.—Organized from part of Douglas in 1909.

GRAYS HARBOR.—Name changed from Chehalis in 1915.

ISLAND.—Part taken to form Snohomish in 1861.

KITTITAS.—Organized from part of Yakima in 1883; part taken to form part of Chelan in 1899.

KLICKITAT.—Part taken to form part of Benton in 1905.

LINCOLN.—Organized from part of Spokane in 1883; part taken to form Douglas in 1883.

MASON.—Name changed from Sawayish in 1864.

OKANOGAN.—Organized from part of Stevens in 1883; part taken to form part of Chelan in 1899.

PEND OREILLE.—Organized from part of Stevens in 1911.

SAN JUAN.—Formed from the "Disputed Islands" in 1873.

SKAGIT.—Organized from part of Whatcom in 1883.

SNOHOMISH.—Organized from part of Island in 1861.

SPOKANE.—Returned separately in 1860; returned as a part of Stevens in 1870; organized from part of Stevens in 1879; part taken to form Lincoln in 1883.

STEVENS.—Parts taken to form Spokane in 1879, Okanogan in 1883, Ferry in 1899, and Pend Oreille in 1911.

WALLA WALLA.—Parts taken to form Whitman in 1871 and Columbia in 1875.

WHATCOM.—Part taken to form Skagit in 1883.

WHITMAN.—Organized from part of Walla Walla in 1871; parts taken to form Adams and Franklin in 1883.

YAKIMA.—Parts taken to form Kittitas in 1883 and part of Benton in 1905.

POPULATION—WASHINGTON.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900.

(Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.)

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|---|--------|---------|--------|---|--------|-------|---------|
| Adams County..... | 9,623 | 10,920 | *4,840 | Chelan County—Continued. | | | |
| Benge precinct ¹ | 268 | 185 | ..... | Brender precinct..... | 370 | | |
| Billington precinct ¹ | 316 | 787 | ..... | Canyon precinct..... | 450 | | |
| Cow Creek precinct..... | 218 | 397 | ..... | Cascade Tunnel precinct..... | 82 | | |
| Cunningham precinct No. 1..... | 164 | 253 | ..... | Chelan precinct, coextensive with Chelan town..... | 898 | | |
| Cunningham precinct No. 2, coextensive with Cunningham town..... | 89 | 153 | ..... | Chelan Falls precinct..... | 82 | | |
| Fairview precinct..... | 243 | 368 | ..... | Chiwaukum precinct..... | 71 | | |
| Fletcher precinct..... | 288 | 337 | ..... | Colockum precinct..... | 90 | | |
| German precinct..... | 415 | 443 | ..... | Dryden precinct..... | 473 | | |
| Gradel precinct..... | 456 | 572 | ..... | Entiat precinct..... | 653 | | |
| Hatton precinct No. 1..... | 161 | 201 | ..... | First Creek precinct..... | 87 | | |
| Hatton precinct No. 2, coextensive with Hatton town..... | 87 | 161 | ..... | Grange precinct..... | 348 | | |
| Lantiz precinct..... | 260 | 331 | ..... | Lake Chelan precinct..... | 78 | | |
| Lind precinct No. 1..... | 412 | 362 | ..... | Lake Wenatchee precinct..... | 40 | | |
| Lind precinct No. 2, coextensive with Lind town..... | 724 | 831 | ..... | Lakeside precinct, including Lakeside town..... | 370 | | |
| McQueen precinct..... | 270 | 439 | ..... | Leavenworth precinct, coextensive with Leavenworth city..... | 1,791 | | |
| Memo precinct..... | 179 | 234 | ..... | Lewis and Clark precinct..... | 499 | | |
| Newland precinct..... | 186 | 425 | ..... | Lincoln precinct..... | 430 | | |
| Othello precinct, ¹ coextensive with Othello town..... | 610 | ..... |  | McKenzie precinct..... | 219 | | |
| Pahn precinct..... | 239 | 232 | ..... | Malaga precinct..... | 505 | | |
| Ritzville precinct No. 1..... | 807 | 844 | ..... | Manson precinct..... | 355 | | |
| Ritzville City precinct, coextensive with Ritzville city..... | 1,900 | 1,859 | ..... | Merritt precinct..... | 60 | | |
| Tabor precinct..... | 209 | 200 | ..... | Millerdale precinct..... | 272 | | |
| Washtucna precinct No. 1..... | 298 | 456 | ..... | Mission precinct..... | 307 | | |
| Washtucna precinct No. 2, coextensive with Washtucna town..... | 359 | 300 | ..... | Monitor precinct..... | 584 | | |
| Wills precinct..... | 428 | 550 | ..... | North Cashmere precinct, comprising part of Cashmere town..... | 533 | | |
| Aston County..... | 6,539 | 25,831 | 3,366 | Old Blewett precinct..... | 21 | | |
| Alpowa precinct ² | 115 | ..... |  | O'Lila precinct..... | 113 | | |
| Anatone precinct..... | 449 | 519 | 286 | Peshastin precinct..... | 519 | | |
| Aston precinct, ³ coextensive with Aston town..... | 852 | 1,288 | 774 | Plain precinct..... | 33 | | |
| Bly precinct..... | 70 | 60 | 64 | South Cashmere precinct, comprising part of Cashmere town..... | 581 | | |
| Clarkston precinct, coextensive with Clarkston city..... | 1,859 | 1,257 | 1,175 | Stehkin precinct..... | 41 | | |
| Cloverland precinct..... | 322 | 427 | 245 | Stemilt precinct..... | 186 | | |
| Grande Ronde precinct..... | 110 | 141 | 173 | Suburban precinct..... | 467 | | |
| Grouse precinct..... | 92 | 98 | ..... | Sunnyslope precinct..... | 761 | | |
| Hansen precinct ⁴ | 94 | 140 | 318 | Tumwater precinct..... | 623 | | |
| Pleasant precinct ⁴ | 80 | 99 | 87 | Valley precinct..... | 655 | | |
| South Clarkston precinct..... | 1,046 | ..... |  | Wapato precinct..... | 337 | | |
| Theon precinct..... | 169 | 251 | 244 | Wenatchee precinct, coextensive with Wenatchee city..... | 6,324 | | |
| West Aston precinct ¹ | 333 | ..... |  | Winesap precinct..... | 157 | | |
| West Clarkston precinct ² | 943 | ..... |  | Winton precinct..... | 19 | | |
| Benton County..... | 10,903 | 7,937 | ..... | Clallam County..... | 11,368 | 4,675 | 4,5,603 |
| Carley precinct..... | 68 | 80 | ..... | Beaver precinct..... | 135 | 83 | 101 |
| Columbia precinct..... | 148 | 128 | ..... | Belleview precinct..... | 192 | 314 | 115 |
| East Prosser precinct..... | 177 | 133 | ..... | Blyn precinct..... | 845 | 277 | 148 |
| Expansion precinct..... | 78 | 113 | ..... | Clallam precinct..... | 163 | 58 | 41 |
| Finley precinct..... | 518 | 369 | ..... | Clallam Bay precinct..... | 147 | 87 | 105 |
| Glade precinct..... | 3 | 103 | ..... | De Fuca precinct..... | 74 | 30 | 76 |
| Harford precinct..... | 429 | 369 | ..... | Dungeness precinct..... | 533 | 630 | 455 |
| Highlands precinct ⁵ | 385 | ..... |  | Eden precinct ⁴ | 62 | 205 | 103 |
| Horn Rapids precinct ² | 383 | ..... |  | Edgewood precinct..... | 193 | 117 | 93 |
| Horse Heaven precinct..... | 87 | 114 | ..... | Elwha precinct ⁴ | 45 | 74 | 41 |
| Hover precinct..... | 220 | 172 | ..... | Enright precinct ⁴ | 48 | ..... |  |
| Kennewick precinct, ³ coextensive with Kennewick city..... | 1,684 | 2,045 | ..... | Forks precinct..... | 208 | 131 | 90 |
| Kennewick Gardens precinct ⁴ | 194 | ..... |  | Freshwater precinct ⁴ | 115 | ..... |  |
| Kennewick Valley precinct ⁴ | 431 | ..... |  | Geraghty precinct ⁴ | 195 | ..... |  |
| Kiona precinct..... | 735 | 291 | ..... | Gettysburg precinct..... | 89 | 34 | 146 |
| Lower Yakima precinct ³ | 258 | ..... |  | Happy Valley precinct..... | 45 | ..... |  |
| North Prosser precinct ⁴ | 712 | 801 | ..... | Hoko Falls precinct..... | 35 | 29 | 9 |
| Patterson precinct..... | 117 | 116 | ..... | Lost Mountain precinct..... | 90 | 108 | ..... |
| Prosser precinct, coextensive with Prosser city..... | 1,697 | 1,298 | ..... | Mora precinct..... | 28 | 33 | 30 |
| Rattlesnake precinct..... | 141 | 176 | ..... | Neah Bay precinct, ⁴ exclusive of Makah Indian Reservation..... | 30 | 82 | 18 |
| Richland precinct, ³ coextensive with Richland town..... | 279 | 721 | ..... | Ozette precinct, ⁴ exclusive of Ozette Indian Reservation..... | 31 | 58 | 41 |
| Riverside precinct ³ | 545 | ..... |  | Piedmont precinct..... | 134 | 67 | 26 |
| South Kennewick precinct ³ | 343 | ..... |  | Port Angeles precinct, coextensive with Port Angeles city..... | 5,351 | 2,286 | 2,321 |
| Vale precinct ² | 122 | ..... |  | Port Crescent precinct ⁴ | 221 | 351 | 293 |
| Walnut Grove precinct ³ | 418 | ..... |  | Port Williams precinct ⁴ | 227 | ..... |  |
| Wellington precinct..... | 146 | 368 | ..... | Prairie precinct, ⁴ including Sequim town..... | 821 | ..... |  |
| West Prosser precinct..... | 148 | 157 | ..... | Pysht precinct..... | 223 | 26 | 22 |
| White Bluff's precinct..... | 357 | 323 | ..... | Quillayute precinct, ⁴ exclusive of Quillayute Indian Reservation..... | 79 | 80 | 60 |
| Chelan County..... | 20,906 | *15,104 | *3,931 | Rena precinct..... | 382 | 96 | 100 |
| Blewett precinct..... | 218 | ..... |  | Shuwal precinct..... | 55 | 33 | 42 |
| Boyd precinct..... | 132 | ..... |  | Sutherland precinct ⁴ | 36 | ..... |  |

¹ See headnote.² ADAMS.—Name of Benge precinct changed from Palouse, and Othello precinct organized from part of Billington precinct, since 1910.³ ASOTIN.—Total for 1910 includes population (1,573) of Vineland precinct, taken to form South and West Clarkston precincts and part of Alpowa precinct since 1910. Part of Pleasant precinct also taken to form part of Alpowa precinct, and part of Ashton precinct taken to form West Ashton precinct, since 1910. Hansen precinct returned to Hansen Ferry in 1910.⁴ BENTON.—Precincts organized since 1910: Highlands, Kennewick Gardens, Kennewick Valley, and South Kennewick from parts of Kennewick; Horn Rapids, Lower Yakima, and Vale from parts of Richland; Riverside and Walnut Grove from parts of North Prosser.

⁵ CLALLAM.—Totals include population (776 in 1910; 323 in 1900) of Sequim precinct, taken to form Happy Valley, Port Williams, and Prairie precincts since 1910; total for 1900 also includes population (50) of Dickey, Soleduck, Fairholme, Winetka, and Norman precincts, annexed to other precincts between 1900 and 1910. Enright and Twin precincts organized since 1910 from Straits precinct (no population reported in 1910); Freshwater and Geraghty from parts of Eden; Sutherland from parts of Elwha and Port Crescent, since 1910. Makah Indian Reservation in Neah Bay precinct, Ozette Indian Reservation in Ozette precinct, and Quillayute Indian Reservation in Quillayute precinct, but each reservation independent of the precinct in which located.

NUMBER AND DISTRIBUTION.

13

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.]

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|--|--------|---------|---------|--|-------|--------|--------|
| Clarke County..... | 32,805 | *28,115 | *13,419 | Cowlitz County—Continued..... | | | |
| Alpine precinct..... | 249 | | | Mineral precinct..... | 102 | | |
| Barberton precinct..... | 455 | | | Monticello precinct..... | 568 | | |
| Battle Ground precinct..... | 712 | | | North Castle Rock precinct..... | 266 | | |
| Brush Prairie precinct..... | 553 | | | North Kalama precinct, including part of Kalama town..... | 903 | | |
| Camas precinct A, comprising part of Camas town..... | 720 | | | North Kelso precinct, comprising part of Kelso city..... | 593 | | |
| Camas precinct B, comprising part of Camas town..... | 534 | | | Oak Point precinct..... | 340 | | |
| Camas precinct C, comprising part of Camas town..... | 589 | | | Olequa precinct..... | 182 | | |
| Cathlapoole precinct..... | 434 | | | Ostrander precinct..... | 342 | | |
| Cedar Creek precinct..... | 300 | | | Owl Creek precinct..... | 512 | | |
| Chelatchie precinct..... | 432 | | | Pigeon Springs precinct..... | 43 | | |
| Dole precinct..... | 99 | | | Pleasant Hill precinct..... | 145 | | |
| East Columbia precinct..... | 758 | | | Reno precinct..... | 181 | | |
| Evergreen precinct..... | 306 | | | St. Helens precinct..... | 82 | | |
| Fern Prairie precinct..... | 506 | | | Silver Lake precinct..... | 433 | | |
| Fourth Plain precinct..... | 741 | | | South Castle Rock precinct, coextensive with Castle Rock town..... | 829 | | |
| Fruit Valley precinct..... | 517 | | | South Kalama precinct, including part of Kalama town..... | 720 | | |
| Gibbons precinct..... | 228 | | | South Kelso precinct, comprising part of Kelso city..... | 572 | | |
| Harney precinct..... | 409 | | | Stella precinct..... | 328 | | |
| Hellsen precinct..... | 434 | | | Toutle precinct..... | 147 | | |
| Jaggy precinct..... | 370 | | | Upper Coweeman precinct..... | 47 | | |
| La Center precinct, including La Center town..... | 660 | | | West Kelso precinct, including part of Kelso city..... | 593 | | |
| Lackamas precinct..... | 833 | | | Willamette precinct..... | 42 | | |
| Lake Shore precinct..... | 513 | | | Woodland precinct, including Woodland town..... | 742 | | |
| Manor precinct..... | 730 | | | | | | |
| Munehaha precinct..... | 778 | | | | | | |
| Mountain View precinct..... | 398 | | | | | | |
| North Ridgefield precinct..... | 313 | | | | | | |
| Pioneer precinct..... | 562 | | | | | | |
| Praston precinct..... | 580 | | | | | | |
| Probstel precinct..... | 432 | | | | | | |
| Ridgefield town..... | 620 | | | | | | |
| Salmon Creek precinct..... | 619 | | | | | | |
| Skye precinct..... | 213 | | | | | | |
| South Ridgefield precinct..... | 142 | | | | | | |
| Vancouver precinct, coextensive with Vancouver city..... | 12,637 | | | | | | |
| Washougal precinct, coextensive with Washougal town..... | 765 | | | | | | |
| West Columbia precinct..... | 588 | | | | | | |
| Whipple Creek precinct..... | 574 | | | | | | |
| Yacolt precinct, including Yacolt town..... | 805 | | | | | | |
| Columbia County..... | 6,093 | 7,042 | 7,128 | Douglas County..... | 9,392 | *8,227 | *4,925 |
| Aito precinct..... | 85 | 129 | 187 | Alameda precinct..... | 57 | | |
| Brooklyn precinct, ⁶ comprising part of Dayton city..... | 512 | 933 | 868 | Bar precinct..... | 208 | | |
| Bundy precinct..... | 93 | 308 | 360 | Bray precinct..... | 330 | | |
| Columbia precinct ⁶ | 145 | | | Brays precinct..... | 81 | | |
| Covello precinct ⁶ | 53 | 393 | 427 | Bridge precinct..... | 575 | | |
| Dayton precinct, ⁶ comprising part of Dayton city..... | 483 | 688 | 1,848 | Bridgeport precinct, including Bridgeport town..... | 605 | | |
| Harmony precinct ⁶ | 75 | 162 | 284 | Burke precinct..... | 399 | | |
| Highland precinct..... | 148 | 96 | 280 | Columbia precinct..... | 207 | | |
| Hunterville precinct..... | 273 | 292 | 413 | Douglas precinct..... | 283 | | |
| Lost Springs precinct..... | 105 | 102 | 130 | Dyer precinct..... | 154 | | |
| McKay precinct..... | 98 | 115 | 185 | Fairview precinct..... | 95 | | |
| Marengo precinct..... | 102 | 128 | 124 | Farmer precinct..... | 388 | | |
| Mount Pleasant precinct ⁶ | 66 | | | Greene precinct..... | 268 | | |
| Mountain precinct ⁶ | 96 | 140 | 261 | Lake precinct..... | 241 | | |
| Mustard precinct, ⁶ comprising part of Dayton city..... | 281 | | | Leahy precinct..... | 320 | | |
| Patity precinct, ⁶ comprising part of Dayton city..... | 532 | | | Lone Pine precinct..... | 83 | | |
| Plus Grove precinct..... | 122 | 204 | 187 | Mansfield precinct, coextensive with Mansfield town..... | 478 | | |
| Railroad precinct ⁶ | 364 | 633 | 659 | Midland precinct..... | 141 | | |
| Rainwater precinct, ⁶ comprising part of Dayton city..... | 354 | | | Minton precinct..... | 64 | | |
| Smith Hollow precinct..... | 97 | 143 | 159 | Moid precinct..... | 214 | | |
| Star precinct ⁶ | 310 | 383 | 674 | Mountain precinct..... | 188 | | |
| Starbuck precinct, including Starbuck town city..... | 687 | 1,011 | 547 | Orondo precinct..... | 187 | | |
| Toucheit precinct, ⁶ comprising part of Dayton city..... | 533 | 768 | 164 | Owens precinct..... | 172 | | |
| Tucanon precinct..... | 160 | 174 | 164 | Pearl precinct..... | 142 | | |
| Tumalum precinct..... | 118 | 155 | | Pierpoint precinct..... | 261 | | |
| Turner precinct ⁶ | 201 | | | River precinct..... | 82 | | |
| Cowlitz County ⁶ | 11,781 | *12,561 | *7,877 | Rock Island precinct..... | 112 | | |
| Arkansaw precinct..... | 494 | | | Sagebrush precinct..... | 86 | | |
| Coal Creek precinct..... | 570 | | | St. Andrews precinct..... | 370 | | |
| Columbia Heights precinct..... | 118 | | | Southside precinct..... | 258 | | |
| Cougar Flat precinct..... | 24 | | | Trinidad precinct..... | 92 | | |
| East Kelso precinct, including part of Kelso city..... | 668 | | | Valley precinct..... | 361 | | |
| Goble Creek precinct..... | 98 | | | Waterville precinct No. 1, comprising part of Waterville town..... | 586 | | |
| Green River precinct..... | 30 | | | Waterville precinct No. 2, comprising part of Waterville town..... | 612 | | |
| Kid Valley precinct..... | 22 | | | Withrow precinct..... | 713 | | |
| Lake Merrill precinct..... | 45 | | | | | | |
| Lancaster precinct..... | 374 | | | | | | |
| Lexington precinct..... | 187 | | | | | | |
| Martins Bluff precinct..... | 202 | | | | | | |

⁶ See headnote.

⁷ COLUMBIA.—Precincts organized since 1910: Patity from part of Brooklyn; Columbia from part of Railroad; Turner from parts of Covello and Harmony; Mustard from part of Dayton; Mount Pleasant from part of Star; Rainwater from part of Toucheit.

⁸ COWLITZ.—Township 8 north, range 3 east, for which no population was returned, is not included in this table.

* See headnote.
⁷ FERRY.—Total for 1900 includes population (4,071) of Republic precinct and part of Colville Indian Reservation, taken to form new precincts between 1900 and 1910. Precincts organized since 1910: Covada from part of Meteor; Granite and West Fork from parts of West Republic; San Poil from parts of East and West Republic; Laurier from part of Orient; Covada, Keller, and Meteor precincts comprise the area of that part of the former Colville Indian Reservation located in Ferry County; see also Okanogan County.

POPULATION—WASHINGTON.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.]

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|---|--------|---------|---------|--|---------|----------|----------|
| Franklin County..... | 5,877 | *5,153 | *486 | Grays Harbor County—Continued. | | | |
| Columbia precinct..... | 63 | | | Grove precinct..... | 190 | | |
| Connell precinct, including Connell town..... | 632 | | | Hoquiam precinct, including Hoquiam city..... | 10,336 | | |
| Eltopia precinct..... | 164 | | | Humptulips precinct, ⁹ exclusive of part of Quinalt Indian Reservation..... | 826 | | |
| Fishhook precinct..... | 192 | | | Johns River precinct..... | 115 | | |
| Kahlotus precinct, including Kahlotus town..... | 371 | | | Junction precinct..... | 358 | | |
| Lacy precinct..... | 263 | | | Malone precinct..... | 491 | | |
| Mesa precinct..... | 186 | | | Melbourne precinct..... | 198 | | |
| Muir precinct..... | 66 | | | Moclips precinct, ⁹ exclusive of part of Quinalt Indian Reservation..... | 231 | | |
| Nunnamaker precinct..... | 174 | | | Montesano precinct, including Montesano city..... | 2,787 | | |
| Pasco precincts Nos. 1 to 4, comprising part of Pasco city..... | 2,012 | | | Neason precinct..... | 47 | | |
| Pasco precinct No. 5, including part of Pasco city..... | 766 | | | Oakville precinct, including Oakville town but exclusive of Chehalis Indian Reservation..... | 766 | | |
| Ringgold precinct..... | 98 | | | Ocosta precinct, including Ocosta town..... | 233 | | |
| Garfield County..... | 3,875 | 4,190 | *3,918 | Porter precinct..... | 316 | | |
| Grouse precinct..... | 40 | 33 | 20 | Quinalt precinct, ⁹ exclusive of part of Quinalt Indian Reservation..... | 122 | | |
| Mayview precinct..... | 295 | 472 | 558 | Rayburn precinct..... | 448 | | |
| Pataha precinct ⁸ | 348 | 457 | 553 | Satsop precinct..... | 922 | | |
| Peds precinct..... | 125 | 202 | | Simpson precinct..... | 114 | | |
| Ping precinct..... | 243 | 270 | 276 | Stearnsville precinct..... | 10 | | |
| Pleasant precinct..... | 324 | 389 | 400 | Summit precinct..... | 1,600 | | |
| Pomeroy precinct No. 1, ⁸ including part of Pomeroy city..... | 729 | 837 | 564 | The Burn precinct, ⁹ exclusive of part of Quinalt Indian Reservation..... | 142 | | |
| Pomeroy precinct No. 2, ⁸ comprising part of Pomeroy city..... | 263 | | | Vesta precinct..... | 339 | | |
| Pomeroy precinct No. 3, ⁸ comprising part of Pomeroy city..... | 442 | 1,229 | 785 | Western precinct..... | 136 | | |
| Pomeroy precinct No. 4, ⁸ including part of Pomeroy city..... | 721 | | | Westport precinct, including Westport town..... | 206 | | |
| Scoggin precinct..... | 145 | 195 | | White Star precinct..... | 393 | | |
| Tucannon precinct..... | 100 | 115 | 180 | Wilderness precinct..... | 254 | | |
| Grant County..... | 7,771 | *8,698 | | Wilson precinct..... | 244 | | |
| Adrian precinct..... | 134 | | | Wishkah precinct..... | 407 | | |
| Beverly precinct..... | 71 | | | Chehalis Indian Reservation ⁸ | 190 | | |
| Bunker Hill precinct..... | 104 | | | Quinalt Indian Reservation ⁸ | 249 | | |
| Burke precinct..... | 151 | | | Island County..... | 5,489 | *4,704 | *1,870 |
| Corfu precinct..... | 131 | | | Austin precinct..... | 347 | | |
| Coulee City precinct, including Coulee City town..... | 616 | | | Camano precinct..... | 163 | | |
| Ephrata precinct, including Ephrata town..... | 969 | | | Clinton precinct..... | 338 | | |
| Gloyd precinct..... | 61 | | | Clover Valley precinct..... | 450 | | |
| Grand Coulee precinct..... | 176 | | | Coupeville town..... | 343 | | |
| Hartline precinct, including Hartline town..... | 724 | | | Crescent precinct..... | 298 | | |
| High Hill precinct..... | 77 | | | Glendale precinct..... | 101 | | |
| Krupp precinct, including Krupp town..... | 271 | | | Greenback precinct..... | 145 | | |
| Lowgap precinct..... | 114 | | | Langley precinct, including Langley town..... | 305 | | |
| McCaskey precinct..... | 83 | | | Livingston Bay precinct..... | 330 | | |
| Mac precinct..... | 145 | | | Mabana precinct..... | 150 | | |
| Morrisson precinct..... | 66 | | | Oak Harbor town..... | 337 | | |
| Neppel precinct..... | 296 | | | Prairie precinct..... | 575 | | |
| Quinney precinct, including Quinney town..... | 585 | | | San de Fuca precinct..... | 201 | | |
| Ruff precinct..... | 413 | | | Saratoga precinct..... | 80 | | |
| Seller precinct..... | 45 | | | Skagit Head precinct..... | 201 | | |
| Smyrna precinct..... | 86 | | | Swantown precinct..... | 471 | | |
| Soap Lake precinct, including Soap Lake town..... | 504 | | | Useless Bay precinct..... | 297 | | |
| Steamboat Rock precinct..... | 155 | | | Utsalady precinct..... | 287 | | |
| Stratford precinct..... | 194 | | | Jefferson County..... | 6,557 | 8,337 | 10,5,712 |
| Timm precinct..... | 136 | | | Brinnon precinct ¹⁰ | 222 | 806 | 202 |
| Trinidad precinct..... | 186 | | | Castile precinct..... | 8 | 18 | |
| Wahluke precinct..... | 9 | | | Center precinct..... | 120 | 204 | 115 |
| Warden precinct, including Warden town..... | 389 | | | Chimacum precinct..... | 250 | 229 | 184 |
| Wheeler precinct..... | 296 | | | Clearwater precinct..... | 45 | 35 | |
| White Bluff precinct..... | 13 | | | Duckabush precinct ¹⁰ | 97 | | |
| Wilson Creek precinct, including Wilson Creek town..... | 543 | | | Evergreen precinct..... | 59 | 53 | |
| Winchester precinct..... | 73 | | | Gardiner precinct ¹⁰ | 49 | | |
| Grays Harbor County ⁹ | 44,745 | *35,590 | *15,124 | Haddock precinct..... | 200 | 463 | 477 |
| Aberdeen precinct, including Aberdeen city..... | 15,498 | | | Irondale precinct..... | 188 | 471 | |
| Alona precinct..... | 473 | | | Leland precinct..... | 196 | 104 | 102 |
| Artie precinct..... | 200 | | | Nordland precinct..... | 318 | 484 | |
| Axford precinct..... | 126 | | | Norton precinct..... | 109 | 140 | 72 |
| Block House precinct..... | 248 | | | Pacific precinct, ¹⁰ exclusive of Hoh River Indian Reservation..... | 76 | 64 | 73 |
| Carlisle precinct..... | 510 | | | Port Discovery precinct ¹⁰ | 348 | 286 | 121 |
| Chepahs precinct..... | 143 | | | Port Ludlow precinct ¹⁰ | 497 | 639 | 399 |
| Coats Landing precinct..... | 183 | | | Port Townsend precinct, coextensive with Port Townsend city..... | 2,847 | 4,181 | 8,443 |
| Connie precinct..... | 145 | | | Quileute precinct..... | 385 | 483 | 324 |
| Cosmopolis precinct, including Cosmopolis town..... | 1,553 | | | Quinalt precinct..... | 38 | 40 | |
| Damon precinct..... | 55 | | | Shine precinct ¹⁰ | 134 | | |
| Delezene precinct..... | 482 | | | Snow Creek precinct ¹⁰ | 166 | | |
| Elma precinct, including Elma town..... | 1,915 | | | Tarboo precinct..... | 69 | 90 | 37 |
| Fairview precinct..... | 217 | | | Woodman precinct..... | 67 | 73 | 79 |
| Fords Prairie precinct..... | 199 | | | Hoh River Indian Reservation ¹⁰ | 14 | 24 | 35 |
| Gray Gables precinct..... | 48 | | | King County..... | 889,273 | *284,638 | *110,053 |

* See headnote.

⁸ GARFIELD.—County total for 1900 includes population (614) of Columbia Center precinct, taken to form new precincts between 1900 and 1910. Pomeroy precincts Nos. 1 and 2 organized from West Pomeroy precinct, and Pomeroy precincts Nos. 3 and 4 organized from East Pomeroy precinct, since 1910. Charter for Pataha city, formerly in Pataha precinct, surrendered since 1910.

⁹ GRAYS HARBOR.—Name of county changed from Chehalis in 1915. Quinalt Indian Reservation in Humptulips, Moclips, Quinalt, and The Burn precincts; Chehalis Indian Reservation in Oakville precinct; each reservation independent of precincts in which located; population of Quinalt Indian Reservation returned as in Quinalt precinct only.

* See headnote.

¹⁰ JEFFERSON.—County total for 1900 includes population (49) of Quaets precinct, taken to form parts of new precincts between 1900 and 1910. Precincts organized since 1910: Duckabush from part of Brinnon; Gardiner and Snow Creek from parts of Port Discovery; Shine from part of Port Ludlow. Hoh River Indian Reservation in Pacific precinct, but independent thereof.

NUMBER AND DISTRIBUTION.

15

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.]

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|--|-------|------|------|---|---------|---------|--------|
| King County—Continued. | | | | King County—Continued. | | | |
| Arvondale precinct. | 270 | | | Pacific precinct, including Pacific town. | 346 | | |
| Baring precinct. | 71 | | | Palmer precinct. | 145 | | |
| Barnston precinct. | 231 | | | Pass precinct. | 167 | | |
| Bayne precinct. | 193 | | | Preston precinct. | 492 | | |
| Bellevue precinct. | 878 | | | Quartermaster precinct. | 361 | | |
| Berlin precinct. | 46 | | | Ravensdale precinct, including Ravensdale town. | 187 | | |
| Birch precinct. | 213 | | | Redmond precinct, including Redmond town. | 1,172 | | |
| Black Diamond precinct No. 1. | 980 | | | Renton precinct, coextensive with Renton city. | 3,301 | | |
| Black Diamond precinct No. 2. | 761 | | | Richmond precinct. | 687 | | |
| Black River precinct. | 505 | | | Riverton precinct. | 1,135 | | |
| Buddy precinct. | 397 | | | Rose Hill precinct. | 1,104 | | |
| Boise precinct. | 321 | | | Seahurst Park precinct. | 1,169 | | |
| Bosseret precinct. | 185 | | | Seattle precinct, ¹¹ coextensive with Seattle city. | 313,312 | | |
| Bothell precinct No. 1, including part of Bothell town. | 494 | | | Sherwood precinct. | 422 | | |
| Bothell precinct No. 2, including part of Bothell town. | 502 | | | Snoqualmie precinct, including Snoqualmie town. | 599 | | |
| Bremna precinct. | 188 | | | Springbrook precinct. | 464 | | |
| Burton precinct. | 421 | | | Squak precinct. | 180 | | |
| Carnation precinct, including Carnation town. | 920 | | | Star Lake precinct. | 153 | | |
| Cedar Falls precinct. | 489 | | | Stewart precinct. | 288 | | |
| Cedar Mountain precinct. | 209 | | | Stillwater precinct. | 300 | | |
| Cedar River precinct. | 647 | | | Suise Creek precinct. | 383 | | |
| Cherry Valley precinct, including Duvall town. | 601 | | | Sunnydale precinct. | 1,219 | | |
| Christopher precinct. | 822 | | | Swan Lake precinct. | 83 | | |
| Coal Field precinct. | 204 | | | Tanner precinct. | 149 | | |
| Cove precinct. | 387 | | | Tukwila precinct, coextensive with Tukwila town. | 453 | | |
| Covington precinct. | 150 | | | Union precinct. | 1,155 | | |
| Cumberland precinct. | 680 | | | Valley precinct, ¹¹ exclusive of part of Muckleshoot Indian Reservation. | 463 | | |
| Des Moines precinct. | 761 | | | Vashon precinct. | 524 | | |
| Dickson precinct. | 388 | | | Vincent precinct. | 229 | | |
| Dolphin precinct. | 176 | | | Wabash precinct. | 257 | | |
| Durham precinct. | 854 | | | Warren precinct. | 1,564 | | |
| Duwanish precinct. | 800 | | | Webster precinct. | 223 | | |
| Eagle Gorge precinct. | 400 | | | Wellington precinct. | 141 | | |
| Earlington precinct. | 408 | | | White River precinct. | 410 | | |
| Edgewood precinct. | 320 | | | Wilburton precinct. | 286 | | |
| Ellison precinct. | 350 | | | Woodinville precinct. | 410 | | |
| Elliott precinct. | 130 | | | Wynoochee precinct. | 154 | | |
| Enatale precinct. | 157 | | | Unsurveyed territory (not in any precinct). | 78 | | |
| Endolyne precinct. | 738 | | | Muckleshoot Indian Reservation ¹¹ . | 148 | | |
| Enumclaw precinct, including Enumclaw town. | 1,993 | | | Kitsap County. | 33,162 | *17,647 | *6,767 |
| Fall City precinct. | 599 | | | Annapolis precinct. | 783 | | |
| Foster precinct. | 1,025 | | | Bangor precinct. | 220 | | |
| Franklin precinct. | 242 | | | Bethel precinct. | 404 | | |
| Gilman precinct. | 1,026 | | | Breidablik precinct. | 390 | | |
| Green River precinct. | 110 | | | Bremerton precinct, including Bremerton city. ¹² | 9,536 | | |
| Granwood precinct. | 723 | | | Brownsville precinct. | 453 | | |
| Halle Lake precinct. | 592 | | | Burley precinct. | 248 | | |
| Hazewood precinct. | 123 | | | Charleston precinct No. 1, including part of Charleston city. | 2,623 | | |
| Highland precinct. | 108 | | | Charleston precinct No. 2, comprising part of Charleston city. | 1,546 | | |
| Hill precinct. | 373 | | | Charleston precinct No. 3, comprising part of Charleston city. | 892 | | |
| Hobart precinct. | 668 | | | Chico precinct. | 320 | | |
| Hollywood precinct. | 283 | | | Colby precinct. | 497 | | |
| Hot Springs precinct. | 8 | | | Crosby precinct. | 110 | | |
| Hopglen precinct. | 327 | | | Engle Harbor precinct. | 1,187 | | |
| Inglewood precinct. | 204 | | | Fragaria precinct. | 220 | | |
| Island precinct. | 68 | | | Glenwood precinct. | 118 | | |
| Issaquah precinct, coextensive with Issaquah town. | 791 | | | Harper precinct. | 424 | | |
| Juanita precinct. | 694 | | | Holly precinct. | 140 | | |
| Kennedyale precinct. | 646 | | | Island Center precinct. | 245 | | |
| Kent precinct, coextensive with Kent city. | 2,232 | | | Kingston precinct, ¹³ exclusive of Port Madison Indian Reservation. | 590 | | |
| Kerriston precinct. | 134 | | | Long Lake precinct. | 200 | | |
| Kirkland precinct, coextensive with Kirkland town. | 1,354 | | | Manette precinct ¹² . | 688 | | |
| Krahn precinct. | 438 | | | Olahala precinct. | 433 | | |
| Lake precinct. | 146 | | | Pearson precinct. | 730 | | |
| Lake Forest precinct. | 326 | | | Point No Point precinct. | 105 | | |
| Lake View precinct. | 543 | | | Port Blakely precinct. | 1,584 | | |
| Lester precinct. | 92 | | | Port Gamble precinct. | 597 | | |
| Lisabuela precinct. | 274 | | | Port Madison precinct. | 604 | | |
| McGillyra precinct. | 201 | | | Port Orchard precinct, coextensive with Port Orchard town. | 1,393 | | |
| McKinley precinct. | 289 | | | Poulsbo precinct, including Poulsbo town. | 1,763 | | |
| Maple Leaf precinct. | 510 | | | Rolling Bay precinct. | 524 | | |
| Martin Creek precinct, including Skykomish town. | 871 | | | Seabeck precinct. | 174 | | |
| Maury precinct. | 270 | | | Silverdale precinct. | 725 | | |
| Maywood precinct. | 275 | | | Squamish precinct. | 617 | | |
| Meadow Point precinct. | 351 | | | Tracyton precinct. | 453 | | |
| Modina precinct. | 880 | | | Veterans precinct No. 1. | 298 | | |
| Meeker precinct. | 440 | | | Veterans precinct No. 2. | 401 | | |
| Merger precinct. | 872 | | | Waterman precinct. | 339 | | |
| Meridian precinct. | 530 | | | United States Navy Yard. | 635 | | |
| Monohan precinct. | 514 | | | Port Madison Indian Reservation ¹⁴ . | 139 | | |
| Mountain View precinct. | 332 | | | | | | |
| Muckleshoot precinct, ¹¹ exclusive of part of Muckleshoot Indian Reservation. | 1,021 | | | | | | |
| Newcastle precinct. | 236 | | | | | | |
| Newport precinct. | 894 | | | | | | |
| North Bend precinct, including North Bend town. | 107 | | | | | | |
| North Park precinct. | 620 | | | | | | |
| Novelti precinct. | 2,255 | | | | | | |
| Oak Lake precinct. | 232 | | | | | | |
| Orilla precinct. | 1,459 | | | | | | |
| Oceola precinct. | 544 | | | | | | |
| | 336 | | | | | | |

¹¹ See headnote.¹² KING.—Yester precinct annexed to Seattle city since 1910. Muckleshoot Indian Reservation in Muckleshoot and Valley precincts, but independent thereof.¹³ KITSAP.—Part of Manette precinct (formerly Fort Washington precinct) annexed to Bremerton city since 1910. Port Madison Indian Reservation in Kingston precinct, but independent thereof.

POPULATION—WASHINGTON.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.]

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|---|--------|----------|----------|---|-------|------|------|
| Kittitas County..... | 17,737 | *18,561 | *9,704 | Lewis County—Continued. | | | |
| Boylston precinct..... | 48 | | | Drews Prairie precinct..... | 114 | | |
| Cle Elum precinct, coextensive with Cle Elum city..... | 2,661 | 36 | | Dryad precinct..... | 544 | | |
| Columbia River precinct..... | 420 | | | Eagleton precinct..... | 114 | | |
| East Kittitas precinct..... | 488 | | | Eden precinct..... | 228 | | |
| Easton precinct, including Easton town..... | 3,967 | | | Emery precinct..... | 1,083 | | |
| Ellensburg precinct, coextensive with Ellensburg city..... | 53 | | | Ethel precinct..... | 300 | | |
| Keechelus precinct..... | 775 | | | Ferry precinct..... | 97 | | |
| Kittitas precinct, including Kittitas town..... | 83 | | | Fords Prairie precinct..... | 574 | | |
| Liberty precinct..... | 472 | | | Forest precinct..... | 472 | | |
| Manastash precinct..... | 976 | | | Granite precinct..... | 967 | | |
| Mountain precinct, including Ronald town..... | 52 | | | Greenwood precinct..... | 558 | | |
| Mountain, view precinct..... | 700 | | | Hanaford precinct..... | 341 | | |
| North Ellensburg precinct..... | 490 | | | Harmony precinct..... | 148 | | |
| North Kittitas precinct..... | 159 | | | Independence precinct..... | 211 | | |
| Pebble Point precinct..... | 2,673 | | | Klickitat precinct..... | 408 | | |
| Roslyn precinct, coextensive with Roslyn city..... | 587 | | | Kopiah precinct..... | 153 | | |
| South Cle Elum precinct, coextensive with South Cle Elum city..... | 732 | | | Lincoln Creek precinct..... | 181 | | |
| South Ellensburg precinct..... | 229 | | | Lindberg precinct..... | 219 | | |
| South Kittitas precinct..... | 755 | | | Little Falls precinct, coextensive with Vader town..... | 500 | | |
| Swauk precinct..... | 157 | | | Logan precinct..... | 68 | | |
| Taneum precinct..... | 36 | | | McCormick precinct..... | 632 | | |
| Teanaway precinct..... | 172 | | | Mauermann precinct..... | 432 | | |
| Upper Teanaway precinct..... | 274 | | | Mendota precinct..... | 174 | | |
| West Kittitas precinct..... | 711 | | | Meskil precinct..... | 189 | | |
| Wymer precinct..... | 114 | | | Mineral precinct..... | 803 | | |
| Klickitat County..... | 9,268 | *10,180 | *6,407 | Morton precinct, coextensive with Morton town..... | 522 | | |
| Alder Creek precinct..... | 327 | | | Napavine precinct, coextensive with Napavine town..... | 340 | | |
| Alderdale precinct..... | 97 | | | Newaukum precinct..... | 291 | | |
| Appleton precinct..... | 238 | | | Park precinct..... | 99 | | |
| Bend precinct..... | 89 | | | Po Ell precinct, coextensive with Po Ell town..... | 861 | | |
| Bingen precinct..... | 213 | | | Prescott precinct..... | 498 | | |
| Burdett Heights precinct..... | 147 | | | Randle precinct..... | 496 | | |
| Camas Prairie precinct..... | 412 | | | Salkum precinct..... | 382 | | |
| Cedar Valley precinct..... | 22 | | | Salmon Creek precinct..... | 305 | | |
| Canterville precinct..... | 541 | | | Salzer precinct..... | 199 | | |
| Cleveland precinct..... | 166 | | | Skookumchuck precinct..... | 501 | | |
| Cliffs precinct..... | 58 | | | Stillwater precinct..... | 300 | | |
| Columbus precinct..... | 146 | | | Sulphur Creek precinct..... | 603 | | |
| Dead Canyon precinct..... | 78 | | | Temple precinct..... | 378 | | |
| East White Salmon precinct, comprising part of White Salmon town..... | 339 | | | Tildon precinct..... | 95 | | |
| Fallbridge precinct..... | 258 | | | Toledo precinct, coextensive with Toledo town..... | 324 | | |
| Fruit Valley precinct..... | 289 | | | Union precinct..... | 844 | | |
| Gaunt precinct..... | 132 | | | Veness precinct..... | 547 | | |
| Hardison precinct..... | 146 | | | Verndale precinct..... | 327 | | |
| Husum precinct..... | 170 | | | Windom precinct..... | 38 | | |
| Klickitat precinct..... | 435 | | | Winlock precinct, coextensive with Winlock town..... | 832 | | |
| Laurel precinct..... | 260 | | | | | | |
| Lyle precinct..... | 160 | | | | | | |
| Major Creek precinct..... | 523 | | | | | | |
| North Goldendale precinct, comprising part of Goldendale town..... | 109 | | | | | | |
| Pine Forest precinct..... | 576 | | | | | | |
| Pleasant precinct..... | 180 | | | | | | |
| Rockland precinct..... | 204 | | | | | | |
| Roosevelt precinct..... | 118 | | | | | | |
| Sand Springs precinct..... | 137 | | | | | | |
| Shepard precinct..... | 95 | | | | | | |
| South Goldendale precinct, comprising part of Goldendale town..... | 111 | | | | | | |
| Spring Canyon precinct..... | 608 | | | | | | |
| Spring Creek precinct..... | 65 | | | | | | |
| Trout Lake precinct..... | 356 | | | | | | |
| West White Salmon precinct, comprising part of White Salmon town..... | 378 | | | | | | |
| Woodland precinct..... | 280 | | | | | | |
| Precinct No. 4..... | 252 | | | | | | |
| Precinct No. 6..... | 267 | | | | | | |
| | 136 | | | | | | |
| Lewis County..... | 36,840 | * 32,127 | * 15,157 | | | | |
| Adna precinct..... | 463 | | | | | | |
| Agate precinct..... | 191 | | | | | | |
| Almnie precinct..... | 423 | | | | | | |
| Alpha precinct..... | 199 | | | | | | |
| Big Bottom precinct..... | 237 | | | | | | |
| Boisfort precinct..... | 714 | | | | | | |
| Bunker precinct..... | 366 | | | | | | |
| Centralia precinct, coextensive with Centralia city..... | 7,549 | | | | | | |
| Chehalis precinct, coextensive with Chehalis city..... | 4,558 | | | | | | |
| Cinebar precinct..... | 204 | | | | | | |
| Claqueau precinct..... | 497 | | | | | | |
| Clarke precinct..... | 1,031 | | | | | | |
| Coal Creek precinct..... | 185 | | | | | | |
| Cowlitz precinct..... | 438 | | | | | | |
| Cowlitz Bend precinct..... | 263 | | | | | | |
| Crego precinct..... | 215 | | | | | | |
| Doty precinct..... | 822 | | | | | | |

* See headnote.

* See headnote.

¹³ LINCOLN.—Total for 1910 includes population (900) of Harrington precinct, taken to form East and West Harrington precincts, and population (1,482) of Odessa precinct, taken to form East and West Odessa precincts, since 1910. Other changes since 1910: Lincoln precinct organized from parts of Egypt, Miles, and Peach precincts; Spring Creek from parts of Long Lake (name changed from Lapray), Mondovi, and Reardan; Spokane Valley from parts of Egypt, Larene, and Miles; Telford from parts of Earl, Peach, and Welch Creek; Victory from parts of Indian Creek and Larene; part of Moscow precinct annexed to East Harrington precinct.

NUMBER AND DISTRIBUTION.

17

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

(Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table I, p. 975. For population of incorporated places, see Table 3.)

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|--|--------|---------|------------------------------|---|--------|-----------|----------|
| Lincoln County—Continued. | | | | | | | |
| Rocklyn precinct | 127 | 223 | ..... | Nighthawk precinct | 166 | ..... | ..... |
| Sedala precinct | 83 | 209 | ..... | North Star precinct | 31 | ..... | ..... |
| Sherman precinct | 100 | 184 | ..... | Okanogan precinct No. 1, including part of Okanogan town | 897 | ..... | ..... |
| South Sprague precinct, including part of Sprague city | 823 | 1,078 | ..... | Okanogan precinct No. 2, including part of Okanogan town | 452 | ..... | ..... |
| South Wilbur precinct, including part of Wilbur town | 740 | 719 | ..... | Okanogan precinct No. 3 ¹⁵ | 119 | ..... | ..... |
| Spokane Valley precinct ¹⁶ | 98 | ..... | ..... | Omak precinct No. 1, including part of Omak town | 566 | ..... | ..... |
| Spring Creek precinct ¹⁶ | 160 | ..... | ..... | Omak precinct No. 2, including part of Omak town | 823 | ..... | ..... |
| Telford precinct ¹⁶ | 73 | ..... | ..... | Omak precinct No. 3 ¹⁵ | 510 | ..... | ..... |
| Victory precinct ¹⁶ | 75 | ..... | ..... | Oroville precinct No. 1, including part of Oroville town | 574 | ..... | ..... |
| Waukon precinct | 270 | 394 | ..... | Oroville precinct No. 2, including part of Oroville town | 738 | ..... | ..... |
| Welch Creek precinct ¹⁶ | 98 | 174 | ..... | Oroville precinct No. 3 | 354 | ..... | ..... |
| West Davenport precinct, including part of Davenport town | 550 | 673 | ..... | Park precinct | 118 | ..... | ..... |
| West Harrington precinct ¹⁶ , including part of Harrington city | 594 | ..... | ..... | Pateros precinct, including Pateros town | 693 | ..... | ..... |
| West Odessa precinct ¹⁶ , including part of Odessa town | 686 | ..... | ..... | Fine Creek precinct | 118 | ..... | ..... |
| Wilson Creek precinct | 235 | 324 | ..... | Pleasant Valley precinct | 141 | ..... | ..... |
| Yarwood precinct | 187 | 184 | ..... | Riverside precinct No. 1, including part of Riverside town | 357 | ..... | ..... |
| Mason County | 4,919 | 5,156 | 8,810 | Riverside precinct No. 3, including part of Riverside town | 102 | ..... | ..... |
| Allyn precinct | 180 | 226 | 109 | San Poil precinct | 145 | ..... | ..... |
| Arcadia precinct, ¹⁴ exclusive of Squaxon Island Indian Reservation | 51 | 90 | 108 | Siwash precinct | 79 | ..... | ..... |
| Clifton precinct ¹⁴ | 170 | 77 | 86 | Spring Coulee precinct | 168 | ..... | ..... |
| Cloquallum precinct | 153 | 393 | 55 | Tonasket precinct No. 1 | 442 | ..... | ..... |
| Cushman precinct ¹⁴ | 127 | ..... | ..... | Tonasket precinct No. 3 | 582 | ..... | ..... |
| Dayton precinct | 146 | 516 | 358 | Tunk Creek precinct | 272 | ..... | ..... |
| Detroit precinct | 98 | 69 | ..... | Twisp precinct No. 1, including part of Twisp town | 456 | ..... | ..... |
| Dewatto precinct ¹⁴ | 88 | 76 | 150 | Twisp precinct No. 2, including part of Twisp town | 379 | ..... | ..... |
| Eells precinct | 199 | 88 | ..... | Wauconda precinct | 300 | ..... | ..... |
| Hartline precinct | 171 | 112 | 90 | Winthrop precinct | 723 | ..... | ..... |
| Hoodspout precinct | 63 | 84 | 109 | Pacific County | 14,891 | 14,12,532 | 14,5,983 |
| Kamliche precinct | 424 | 500 | 419 | Bay Center precinct | 274 | 446 | 338 |
| Lilliwaup precinct | 77 | 82 | 90 | Chetco Harbor precinct ¹⁶ | 90 | 102 | 70 |
| Matlock precinct | 446 | 150 | 329 | Chinook precinct | 568 | 620 | 740 |
| Miller precinct ¹⁴ | 201 | ..... | ..... | Davis precinct ¹⁶ | 197 | ..... | ..... |
| Northside precinct ¹⁴ | 112 | ..... | ..... | Eklund Park precinct ¹⁶ | 328 | ..... | ..... |
| Pickering precinct | 188 | 53 | 38 | Firdale precinct ¹⁶ | 315 | ..... | ..... |
| Potlatch precinct ¹⁴ | 74 | 242 | ..... | Frances precinct ¹⁶ | 398 | 472 | 274 |
| Satsop precinct | 120 | 116 | 100 | Holcomb precinct ¹⁶ | 65 | ..... | ..... |
| Shelton precinct No. 1, comprising part of Shelton town | 415 | 487 | 435 | Iwaco precinct, including Iwaco town | 1,081 | 873 | 969 |
| Shelton precinct No. 2, ¹⁴ including part of Shelton town | 399 | 1,328 | 955 | Knappton precinct ¹⁶ | 200 | 210 | 158 |
| Shelton precinct No. 3, ¹⁴ including part of Shelton town | 325 | ..... | Lebam precinct ¹⁶ | 704 | 792 | 241 | |
| Skokomish precinct, ¹⁴ exclusive of Skokomish Indian Reservation | 40 | 47 | 186 | Long Beach precinct | 656 | 363 | 273 |
| Southside precinct ¹⁴ | 236 | ..... | ..... | Manlo precinct ¹⁶ | 530 | 644 | 161 |
| Tahuyah precinct ¹⁴ | 83 | ..... | ..... | Nahcotta precinct | 276 | 328 | 161 |
| Union precinct ¹⁴ | 71 | 177 | 183 | Nasel precinct | 494 | 500 | 197 |
| Skokomish Indian Reservation ¹⁴ | 180 | 103 | ..... | Nema precinct | 162 | 64 | 79 |
| Squaxon Island Indian Reservation ¹⁴ | 76 | 50 | ..... | North Cove precinct, ¹⁶ exclusive of Shoalwater Indian Reservation | 183 | 144 | 96 |
| Okanogan County | 17,094 | *12,887 | *4,669 | North River precinct | 79 | 81 | 49 |
| Aeneas precinct | 176 | ..... | ..... | Oysterville precinct | 82 | 110 | 158 |
| Anglin precinct | 189 | ..... | ..... | Pluvius precinct ¹⁶ | 400 | 251 | 35 |
| Beeman precinct | 278 | ..... | ..... | Raymond precinct, including Raymond city | 4,447 | 2,533 | 84 |
| Bodie precinct | 98 | ..... | ..... | Salmon Creek precinct | 307 | 170 | 51 |
| Boston Heights precinct | 134 | ..... | ..... | Smith Creek precinct | 59 | 112 | 44 |
| Brewster precinct, including Brewster town | 503 | ..... | ..... | South Bend precinct No. 1, ¹⁶ exclusive of part of South Bend city | 174 | ..... | 66 |
| Cameron precinct ¹⁶ | 143 | ..... | ..... | South Bend precinct No. 2, ¹⁶ exclusive of part of South Bend city | 225 | 21 | 481 |
| Carlton precinct | 219 | ..... | ..... | Willapa precinct | 743 | 386 | 506 |
| Chesaw precinct | 278 | ..... | ..... | South Bend city, ¹⁶ in South Bend precincts Nos. 1 and 2 | 1,948 | 3,023 | 711 |
| Conconully precinct, including Conconully town | 496 | ..... | ..... | Shoalwater Indian Reservation ¹⁶ | 16 | 28 | (16) |
| Dulay Lake precinct ¹⁶ | 404 | ..... | ..... | Pend Oreille County ¹⁷ | 6,363 | ..... | ..... |
| Ellenham precinct | 85 | ..... | ..... | Bagland precinct | 132 | ..... | ..... |
| Golden precinct | 104 | ..... | ..... | Blueside precinct | 267 | ..... | ..... |
| Havillad precinct | 206 | ..... | ..... | Calispel precinct | 343 | ..... | ..... |
| Huntley precinct | 148 | ..... | ..... | Camden precinct | 218 | ..... | ..... |
| Kipling precinct | 268 | ..... | ..... | Dalkena precinct | 447 | ..... | ..... |
| Knowlton precinct | 173 | ..... | ..... | Diamond Lake precinct | 179 | ..... | ..... |
| Loomis precinct | 471 | ..... | ..... | East Ione precinct, including part of Ione town | 429 | ..... | ..... |
| Malott precinct | 168 | ..... | ..... | Fertile Valley precinct | 110 | ..... | ..... |
| Malott precinct No. 3 ¹⁶ | 98 | ..... | ..... | Johnston precinct | 173 | ..... | ..... |
| Mazama precinct | 103 | ..... | ..... | Kaniksu precinct | 14 | ..... | ..... |
| Methow precinct | 282 | ..... | ..... | Le Clerc precinct | 105 | ..... | ..... |
| Molson precinct | 668 | ..... | ..... | Lenora precinct | 170 | ..... | ..... |
| Monse precinct No. 2 | 70 | ..... | ..... |  |  |  |  |
| Monse precinct No. 3 ¹⁶ | 286 | ..... | ..... |  |  |  |  |
| Nespelem precinct ¹⁶ | 662 | ..... | ..... |  |  |  |  |

*See headnote.

¹³ LINCOLN.—For footnote, see preceding page.

¹⁴ MASON.—Precincts organized since 1910: Cushman from part of Potlatch; Miller, Northside, Shelton No. 3, and Southside from parts of Shelton No. 2; Tahuyah from parts of Clifton, Dewatto, and Union (returned as Union City in 1910); Skokomish Indian Reservation in Skokomish precinct and Squaxon Island Indian Reservation in Arcadia precinct, but each reservation independent of the precinct in which located.

¹⁵ OKANOGAN.—Cameron, Dulay Lake, and Nespelem precincts and Malott precinct No. 3, Monse precinct No. 3, Okanogan precinct No. 3, and Omak precinct No. 3 comprise the area of that part of the former Colville Indian Reservation located in Okanogan County; see also Ferry County.

¹⁶ PACIFIC.—Totals include population (259 in 1910; 194 in 1900) of Bruceport and Frankfort precincts, annexed, respectively, to South Bend No. 1 and Knapperton precincts since 1910. Total for 1900 also includes population (12) of Elk Creek precinct, annexed to Pluvius precinct between 1900 and 1910. Precincts organized since 1910: Davis from part of Firdale; Eklund Park from part of South Bend No. 2; Firdale from parts of Frances and Pluvius; Holcomb from parts of Lebam and Manlo. Name of Chetco Harbor precinct changed from Sunshine. South Bend city not returned by precincts; total population of South Bend precincts Nos. 1 and 2 can not, therefore, be shown separately. Shoalwater Indian Reservation in North Cove precinct, but independent thereof; not returned separately in 1900.

¹⁷ PEND OREILLE.—Organized from part of Stevens County in 1911.

POPULATION—WASHINGTON.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

[Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistributed at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.]

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|---|---------|-----------|----------|--|--------|----------|----------|
| Pend Oreille County—Continued. | | | | Pierce County—Continued. | | | |
| Locke precinct..... | 223 | | | Summer precinct No. 3, including part of Sumner town..... | 674 | | |
| Lost Creek precinct..... | 205 | | | Tacoma precinct, coextensive with Tacoma city..... | 96,965 | | |
| McLaughlin precinct..... | 373 | | | Tanwax precinct..... | 492 | | |
| Metaline precinct..... | 195 | | | Vaughn precinct..... | 329 | | |
| Metaline Falls precinct, including Metaline Falls town..... | 346 | | | Webstone precinct..... | 192 | | |
| North Newport precinct, including part of Newport town..... | 722 | | | Wilkeson precinct, including Wilkeson town..... | 1,026 | | |
| Penrith precinct..... | 68 | | | Winchester precinct..... | 84 | | |
| Rocky Ford precinct..... | 70 | | | Wollachet precinct..... | 150 | | |
| Sacheen precinct..... | 75 | | | Woodrow precinct..... | 354 | | |
| South Newport precinct, including part of Newport town..... | 511 | | | Mount Rainier National Park..... | 16 | | |
| Tacoma Creek precinct..... | 105 | | | | | | |
| Tiger precinct..... | 268 | | | | | | |
| West lone precinct, including part of lone town..... | 615 | | | | | | |
| Pierce County..... | 144,127 | * 120,312 | * 55,515 | San Juan County..... | 3,005 | * 3,003 | * 2,028 |
| Alder precinct..... | 213 | | | Blakely precinct..... | 25 | 86 | 56 |
| Alderton precinct..... | 383 | | | Deer Harbor precinct ¹⁸ | 127 | | |
| American Lake precinct..... | 2,636 | | | Doe Bay precinct ¹⁸ | 77 | | |
| Anderson Island precinct..... | 141 | | | East Sound precinct ¹⁸ | 319 | | |
| Artendale precinct..... | 189 | | | Friday Harbor precinct ¹⁸ , coextensive with Friday Harbor town..... | 522 | | |
| Ashford precinct..... | 345 | | | Lopez precinct No. 1..... | 381 | 317 | 267 |
| Breckon precinct..... | 749 | | | Lopez precinct No. 2..... | 440 | 370 | 236 |
| Brockdale precinct..... | 388 | | | Olga precinct ¹⁸ | 90 | | |
| Buckley precinct No. 1, including part of Buckley town..... | 950 | | | Orcas precinct ¹⁸ | 109 | | |
| Buckley precinct No. 2, including part of Buckley town..... | 693 | | | San Juan precinct No. 1..... | 319 | 353 | 347 |
| Burnett precinct..... | 398 | | | San Juan precinct No. 2 ¹⁸ | 335 | 817 | 615 |
| Carbonado precinct..... | 1,128 | | | San Juan precinct No. 3..... | 322 | 285 | 315 |
| Collins precinct..... | 149 | | | Shaw precinct..... | 101 | 84 | 81 |
| Dash Point precinct..... | 139 | | | Stewart Island precinct..... | 58 | 62 | 51 |
| Dieringer precinct..... | 247 | | | Waldrön precinct..... | 96 | 180 | 77 |
| Dupont precinct, including Dupont town..... | 743 | | | West Sound precinct ¹⁸ | 278 | | |
| Eatonville precinct, including Eatonville town..... | 1,161 | | | | | | |
| Edgewood precinct..... | 639 | | | Skagit County..... | 33,373 | * 20,241 | * 14,272 |
| Elbe precinct..... | 197 | | | Anacortes precinct, coextensive with Anacortes city..... | 5,284 | | |
| Elk Plain precinct..... | 329 | | | Bay View precinct..... | 329 | | |
| Fairfax precinct..... | 588 | | | Belfast precinct..... | 384 | | |
| Fox Island precinct..... | 235 | | | Bessner precinct..... | 146 | | |
| Gardenville precinct..... | 1,412 | | | Big Lake precinct..... | 544 | | |
| Gig Harbor precinct..... | 829 | | | Birdsview precinct..... | 170 | | |
| Graham precinct..... | 581 | | | Blanchard precinct..... | 340 | | |
| Grant precinct..... | 707 | | | Bow precinct..... | 240 | | |
| Hales Pass precinct..... | 264 | | | Cascade precinct..... | 215 | | |
| Hillhurst precinct..... | 163 | | | Conway precinct..... | 670 | | |
| Holz precinct..... | 133 | | | Dewey precinct..... | 280 | | |
| Home precinct..... | 251 | | | East Clear Lake precinct..... | 909 | | |
| Hunts Prairie precinct..... | 222 | | | East Concrete precinct, including part of Concrete town..... | 650 | | |
| Hyde Park precinct..... | 72 | | | East Hamilton precinct, including part of Hamilton town..... | 303 | | |
| Interlaken precinct..... | 401 | | | East Lyman precinct, including part of Lyman town..... | 312 | | |
| Kapowsin precinct..... | 853 | | | Edison precinct..... | 351 | | |
| La Camas precinct..... | 176 | | | Fidalgo precinct..... | 452 | | |
| Lake Bay precinct..... | 117 | | | Ft. precinct..... | 507 | | |
| Lake City precinct..... | 240 | | | Guemes precinct..... | 287 | | |
| Lake Tapps precinct..... | 123 | | | Harmony precinct ¹⁹ , exclusive of part of Mount Vernon city..... | 405 | | |
| Lake View precinct..... | 298 | | | Lang precinct..... | 19 | | |
| Larchmont precinct..... | 410 | | | Lookout precinct..... | 301 | | |
| Lemons Beach precinct..... | 414 | | | McMurray precinct, including McMurray town..... | 514 | | |
| Long Branch precinct..... | 390 | | | Mansfield precinct..... | 369 | | |
| McKenna precinct..... | 576 | | | Milltown precinct..... | 303 | | |
| McMillin precinct..... | 245 | | | Montborthé precinct..... | 204 | | |
| McNeills Island precinct..... | 588 | | | Mount Vernon precinct ¹⁹ , exclusive of part of Mount Vernon city..... | 1,513 | | |
| Midland precinct..... | 671 | | | North Allen precinct..... | 320 | | |
| Milton precinct, including Milton town..... | 583 | | | North Avon precinct..... | 320 | | |
| Minter precinct..... | 128 | | | North La Conner precinct ¹⁹ , including part of La Conner town, but exclusive of Swinomish Indian Reservation..... | 277 | | |
| Muck precinct..... | 147 | | | Northeast Burlington precinct, including part of Burlington city..... | 504 | | |
| National precinct..... | 518 | | | Northwest Burlington precinct, including part of Burlington city..... | 349 | | |
| North East Tacoma precinct..... | 603 | | | Pingry precinct..... | 138 | | |
| North Puyallup precinct..... | 474 | | | Point Williams precinct..... | 108 | | |
| Orting precinct No. 1, including part of Orting town..... | 732 | | | Prairie precinct..... | 223 | | |
| Orting precinct No. 2, including part of Orting town..... | 694 | | | Rockport precinct..... | 203 | | |
| Parkland precinct No. 1..... | 591 | | | Sauk precinct..... | 205 | | |
| Parkland precinct No. 2..... | 650 | | | Sedro-Woolley precinct, including Sedro-Woolley city..... | 4,793 | | |
| Purdy precinct..... | 205 | | | Sindlar precinct..... | 33 | | |
| Puyallup precinct, coextensive with Puyallup city..... | 6,323 | | | Skyou precinct..... | 379 | | |
| Regents Park precinct..... | 293 | | | South Allen precinct..... | 291 | | |
| Rhodes Lake precinct..... | 368 | | | South Avon precinct..... | 615 | | |
| Riverside precinct..... | 442 | | | South La Conner precinct, including part of La Conner town..... | 677 | | |
| Rosedale precinct..... | 256 | | | *See headnote. | | | |
| Roy precinct, including Roy town..... | 707 | | | ¹⁸ SAN JUAN.—Totals include population (482 in 1910; 343 in 1900) of Orcas precinct No. 1, taken to form Deer Harbor, Orcas, and West Sound precincts; population (454 in 1910; 368 in 1900) of Orcas precinct No. 2, taken to form East Sound precinct; population (183 in 1910; 122 in 1900) of Orcas precinct No. 3, taken to form Olga and Doe Bay precincts, since 1910. Friday Harbor precinct organized from part of San Juan precinct No. 2 since 1910. | | | |
| Ruston precinct, coextensive with Ruston town..... | 1,128 | | | ¹⁹ SKAGIT.—Mount Vernon city not returned by precincts; total population of Harmony and Mount Vernon precincts can not, therefore, be shown separately. Swinomish Indian Reservation in North La Conner precinct, but independent thereof. | | | |
| Silver Lake precinct..... | 270 | | | | | | |
| Soldiers Home precinct..... | 337 | | | | | | |
| South Prairie precinct, including South Prairie town..... | 574 | | | | | | |
| Spanaway precinct..... | 781 | | | | | | |
| Spiketon precinct..... | 111 | | | | | | |
| Steilacoom precinct, including Steilacoom town..... | 2,214 | | | | | | |
| Summer precinct No. 1, including part of Summer town..... | 766 | | | | | | |
| Summer precinct No. 2, including part of Summer town..... | 1,080 | | | | | | |

* See headnote.

NUMBER AND DISTRIBUTION.

19

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table I, p. 975. For population of incorporated places, see Table 3.]

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|---|--------|---------|---------|--|-------|------|------|
| Skagit County—Continued. | | | | Snohomish County—Continued. | | | |
| Southeast Burlington precinct, including part of Burlington city..... | 980 | | | Pinehurst precinct..... | 515 | | |
| Southwest Burlington precinct, including part of Burlington city..... | 813 | | | Port Susan precinct..... | 479 | | |
| Sterling precinct..... | 278 | | | Richmond precinct..... | 212 | | |
| Tingley precinct..... | 168 | | | Riverview precinct..... | 344 | | |
| West Clear Lake precinct..... | 641 | | | Rice precinct..... | 79 | | |
| West Concrete precinct, including part of Concrete town..... | 588 | | | Roosevelt precinct..... | 318 | | |
| West Hamilton precinct, including part of Hamilton town..... | 503 | | | Sexton precinct..... | 392 | | |
| West Lyman precinct, including part of Lyman town..... | 494 | | | Shorts precinct..... | 234 | | |
| Whitney precinct..... | 190 | | | Shoultes precinct..... | 643 | | |
| Mount Vernon city, ¹⁹ in Harmony and Mount Vernon precincts..... | 3,341 | | | Silvana precinct..... | 897 | | |
| Swinomish Indian Reservation ¹⁹ | 246 | | | Silverton precinct..... | 87 | | |
| Skamania County. | 2,357 | 2,887 | 1,688 | Skykomish precinct..... | 200 | | |
| Cape Horn precinct ²⁰ | 233 | 662 | 258 | Snohomish precinct, coextensive with Snohomish city..... | 2,985 | | |
| Cascades precinct..... | 284 | 93 | 138 | South Snohomish precinct..... | 265 | | |
| Chenowith precinct..... | 149 | 297 | 355 | Standby precinct..... | 317 | | |
| Lewis River precinct ²⁰ | 11 | (20) | | Stanwood precinct, coextensive with Stanwood city..... | 704 | | |
| Mount Pleasant precinct ²⁰ | 143 | | | Sultan precinct, coextensive with Sultan town..... | 687 | | |
| Skye precinct..... | 60 | 102 | 115 | Sulton River precinct..... | 557 | | |
| Stevenson precinct, including Stevenson town..... | 709 | 833 | 338 | Sunnyside precinct..... | 324 | | |
| Underwood precinct..... | 290 | 253 | 130 | Three Lakes precinct..... | 904 | | |
| Wind Mountain precinct..... | 84 | 166 | 149 | Trafton precinct..... | 308 | | |
| Wind River precinct..... | 414 | 475 | 205 | Tualala precinct..... | 424 | | |
| Snohomish County. | 67,680 | *59,209 | *23,350 | Tulalip precinct, ²¹ exclusive of Tulalip Indian Reservation..... | 285 | | |
| Allen precinct..... | 368 | | | Union precinct..... | 630 | | |
| Arlington precinct, coextensive with Arlington city..... | 1,418 | | | Wallace precinct..... | 427 | | |
| Armstrong precinct..... | 610 | | | WLangdon precinct..... | 294 | | |
| Bear Creek precinct..... | 141 | | | Whaleback precinct..... | 57 | | |
| Bryant precinct..... | 641 | | | Winter Lake precinct..... | 113 | | |
| Cathcart precinct..... | 244 | | | Tulalip Indian Reservation ²¹ | 474 | | |
| Cedar Valley precinct..... | 789 | | | | | | |
| Cederhome precinct..... | 784 | | | | | | |
| Centerville precinct..... | 600 | | | | | | |
| Cliff precinct..... | 414 | | | | | | |
| Currie precinct..... | 244 | | | | | | |
| Darlington precinct..... | 621 | | | | | | |
| East Everett precinct..... | 436 | | | | | | |
| East Stanwood precinct..... | 478 | | | | | | |
| Edgecombe precinct..... | 404 | | | | | | |
| Edmonds precinct, coextensive with Edmonds city..... | 938 | | | | | | |
| Everett precinct, coextensive with Everett city..... | 27,644 | | | | | | |
| Fernwood precinct..... | 475 | | | | | | |
| Florence precinct..... | 471 | | | | | | |
| Getchell precinct..... | 280 | | | | | | |
| Gold-Bar precinct, coextensive with Gold Bar town..... | 383 | | | | | | |
| Gold Basin precinct..... | 15 | | | | | | |
| Granite Falls precinct, coextensive with Granite Falls city..... | 632 | | | | | | |
| Gregory precinct..... | 489 | | | | | | |
| Hartford precinct..... | 488 | | | | | | |
| Hazel precinct..... | 148 | | | | | | |
| Index precinct, coextensive with Index city..... | 412 | | | | | | |
| Irving precinct..... | 270 | | | | | | |
| Jim Creek precinct..... | 665 | | | | | | |
| Lake precinct..... | 114 | | | | | | |
| Lake Stevens precinct..... | 874 | | | | | | |
| Locksley precinct..... | 159 | | | | | | |
| Lowell precinct No. 1..... | 196 | | | | | | |
| Lowell precinct No. 2, coextensive with Lowell city..... | 882 | | | | | | |
| Ludwig precinct..... | 487 | | | | | | |
| Machias precinct..... | 680 | | | | | | |
| Malby precinct..... | 267 | | | | | | |
| Marion precinct..... | 360 | | | | | | |
| Marsh precinct..... | 276 | | | | | | |
| Marysville precinct, coextensive with Marysville town..... | 1,244 | | | | | | |
| Meadowdale precinct..... | 345 | | | | | | |
| Milton precinct..... | 716 | | | | | | |
| Monroe precinct, coextensive with Monroe city..... | 1,675 | | | | | | |
| Monte Cristo precinct..... | 1 | | | | | | |
| Mukilteo precinct..... | 1,077 | | | | | | |
| Nonpariel precinct..... | 95 | | | | | | |
| Norden precinct..... | 204 | | | | | | |
| Norman precinct..... | 281 | | | | | | |
| Olney precinct..... | 236 | | | | | | |
| Oso precinct..... | 527 | | | | | | |
| Outlook precinct..... | 408 | | | | | | |
| Park Place precinct..... | 1,082 | 48 | | | | | |
| Pearson precinct..... | 390 | | | | | | |
| Pilchuck precinct..... | | | | | | | |

^{*} See headnote.¹⁹ SKAGIT.—For footnote, see preceding page.²⁰ SKAMANIA.—Total for 1910 includes population (1) of St. Helens precinct, annexed to Lewis River precinct (not returned separately in 1910) since 1910. Mount Pleasant precinct organized from part of Cape Horn precinct since 1910.²¹ See headnote.
²² SNOHOMISH.—Tulalip Indian Reservation in Tulalip precinct, but independent thereof.²³ SPOKANE.—Townships organized since 1910: East Spokane from part of Opportunity township; Foot Hills from part of Pleasant Prairie. Part of Five Mile township annexed to Spokane city, and name of Four Lakes township changed from Meadow Lake, since 1910.

POPULATION—WASHINGTON.

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

(Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.)

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|--|--------|---------|---------|--|--------|---------|---------|
| Stevens County ²³ : | 21,605 | *25,297 | *10,543 | Thurston County—Continued. | | | |
| Addy precinct | 548 | | | McLane precinct | 461 | 230 | 250 |
| Arden precinct | 338 | | | Mayfield precinct | 181 | 237 | 128 |
| Barstow precinct | 294 | | | Maytown precinct ²⁴ | 414 | | |
| Basin precinct | 104 | | | Mud Bay precinct ²⁴ | 203 | 367 | |
| Blue Creek precinct | 371 | | | Olympia precinct, including Olympia city | 8,537 | 6,998 | 333 |
| Bon Ayre precinct | 33 | | | Peninsula precinct | 98 | 129 | 4,082 |
| Bossburg precinct | 103 | | | Puget precinct ²⁴ | 95 | | |
| Boundary precinct | 73 | | | Rainier precinct ²⁴ | 776 | 646 | 292 |
| Bruce Creek precinct | 146 | | | Rochester precinct ²⁴ | 942 | 831 | 189 |
| Chamokane precinct ²⁴ | 261 | | | Skookumchuck precinct ²⁴ | 304 | | |
| Clayton precinct | 675 | | | South Bay precinct ²⁴ | 381 | 342 | 202 |
| Columbia precinct | 385 | | | South Union precinct ²⁴ | 547 | 480 | 373 |
| Colville precinct No. 1, including part of Colville city | 807 | | | Tenino precinct No. 1, ²⁴ including part of Tenino town | 737 | 1,424 | 341 |
| Colville precinct No. 2, including part of Colville city | 697 | | | Tenino precinct No. 2, ²⁴ including part of Tenino town | 683 | | |
| Colville precinct No. 3, including part of Colville city | 921 | | | Tono precinct ²⁴ | 625 | | |
| Conwell precinct | 18 | | | Tumwater precinct, including Tumwater town | 1,197 | 1,064 | 637 |
| Corbet Creek precinct | 40 | | | Woodland precinct | 1,281 | 733 | |
| Cronin precinct | 186 | | | Yelm precinct | 1,224 | 605 | 521 |
| Cummins precinct | 244 | | | | | | |
| Daisy precinct | 258 | | | Wahkiakum County | 3,472 | 3,285 | 25,819 |
| Deep Creek precinct | 87 | | | Altoona precinct ²⁵ | 112 | 188 | |
| Deer Trail precinct | 70 | | | Brookfield precinct ²⁵ | 206 | 231 | 477 |
| Doyle precinct | 280 | | | Cathlamet precinct, ²⁵ including Cathlamet town | 706 | 788 | |
| East Chewelah precinct, including part of Chewelah town | 952 | | | Crooked Creek precinct | 128 | 94 | 36 |
| Echo precinct | 185 | | | Dahlia precinct ²⁵ | 130 | | |
| Edendale precinct | 75 | | | Deep River precinct | 343 | 369 | 297 |
| Evans precinct | 183 | | | Eureka precinct | 82 | 111 | 241 |
| First Thought precinct | 74 | | | Graye River precinct | 345 | 409 | 300 |
| Flat Creek precinct | 137 | | | Puget Island precinct ²⁵ | 461 | 165 | |
| Forest Center precinct | 323 | | | Seal River precinct | 282 | 289 | 197 |
| Frontier precinct | 71 | | | Skamokawa precinct | 677 | 641 | 542 |
| Garder Spot precinct | 256 | | | | | | |
| Harvey Creek precinct | 234 | | | Walla Walla County | 27,530 | *31,931 | *18,680 |
| Hunters precinct | 462 | | | Attalla precinct | 328 | | |
| Kettle Falls precinct, including Kettle Falls town | 569 | | | Baker precinct | 255 | | |
| Klaxta precinct ²⁴ | 269 | | | Barney precinct | 1,107 | | |
| Lake Creek precinct | 100 | | | Braden precinct | 395 | | |
| Laurier precinct | 29 | | | Barbark precinct | 451 | | |
| Loon Lake precinct | 393 | | | Clyde precinct | 392 | | |
| Marble precinct | 65 | | | Dixie precinct | 587 | | |
| Marcus precinct, including Marcus town | 867 | | | East College Place precinct | 925 | | |
| Meyers Falls precinct | 569 | | | Eureka precinct | 271 | | |
| Middleport precinct | 28 | | | Frenchtown precinct | 401 | | |
| Mill Creek precinct | 93 | | | Gose precinct | 276 | | |
| Nardiss precinct | 205 | | | Hadley precinct | 128 | | |
| Niger Creek precinct | 97 | | | Hill precinct | 934 | | |
| Northport precinct, including Northport city | 1,093 | | | Lincoln precinct | 331 | | |
| Old Dominion precinct | 125 | | | Lower Dry Creek precinct | 119 | | |
| Onion Creek precinct | 127 | | | Mill Creek precinct | 178 | | |
| Orin precinct | 335 | | | Prescott precinct, coextensive with Prescott town | 559 | | |
| Parker precinct | 59 | | | Ritz precinct | 712 | | |
| Pleasant Valley precinct | 261 | | | Russell Creek precinct | 586 | | |
| Reidel precinct | 197 | | | Waitsburg precinct, coextensive with Waitsburg city | 1,174 | | |
| Riverside precinct | 124 | | | Walla Walla city, coextensive with Alder, Birch, Boyer, Clarke, College, Fremont, Green Park, Lewis, Mullin, Paine, Pine, Sharpstein, Simms, Stoptoe, Stevens, Stine, Thorne, University, Waterford, Whitman, and Willow precincts | 15,503 | | |
| Rock Cut precinct | 62 | | | Wallula precinct | 378 | | |
| South Fork precinct | 140 | | | Washington precinct | 486 | | |
| Spring Valley precinct | 444 | | | West College Place precinct | 910 | | |
| Springdale precinct, including Springdale town | 625 | | | | | | |
| Squaw Creek precinct | 161 | | | Whatcom County | 50,600 | *49,511 | *24,118 |
| Stranger Creek precinct | 175 | | | Acme township | 578 | | |
| Summit precinct | 280 | | | Baker township | 575 | | |
| Tum Tum precinct | 114 | | | Blaine city | 25,685 | | |
| Valley precinct | 1,088 | | | Columbia township | 2,264 | | |
| Walkers Prairie precinct ²⁴ | 457 | | | Crescent township | 437 | | |
| Wellpinit precinct ²⁴ | 251 | | | Custer township | 182 | | |
| West Chewelah precinct, including part of Chewelah town | 1,787 | | | Delta township | 1,438 | | |
| White Lake precinct | 198 | | | Deming township | 1,292 | | |
| Williams precinct | 80 | | | Ferndale town | 572 | | |
| Williams Valley precinct | 256 | | | Ferndale township | 750 | | |
| Thurston County | 22,386 | 17,581 | *49,927 | Geneva township | 2,170 | | |
| Black Lake precinct | 118 | 177 | 141 | Glacier township | 234 | | |
| Bordeaux precinct ²⁴ | 402 | | | Lawrence township | 136 | | |
| Bucoda precinct, ²⁴ including Bucoda town | 517 | 855 | 700 | Lummi Island township | 1,034 | | |
| Chambers precinct ²⁴ | 495 | | | Lyndan town | 1,236 | | |
| Chambers Prairie precinct ²⁴ | 277 | 366 | 502 | Lynden township | 1,244 | | |
| Gate City precinct | 329 | 267 | 223 | Maple Fallstownship | 2,145 | | |
| Grand Mound precinct ²⁴ | 638 | 394 | 279 | Marietta township | 338 | | |
| Gull Harbor precinct | 200 | 260 | 143 | Mountain View township | 851 | | |
| Hunters Point precinct ²⁴ | 108 | | | Nooksack town | 1,094 | | |
| Little Rock precinct ²⁴ | 363 | 1,125 | 510 | Nooksack township | 283 | | |
| McIntosh precinct | 97 | 53 | | Park township | 2,071 | | |

* See headnote.

²³ STEVENS.—Part taken to form Pend Oreille County in 1911. Chamokane, Klaxta, Wellpinit, and part of Walkers Prairie precincts comprise the area of the former Spokane Indian Reservation.

²⁴ THURSTON.—Total for 1900 includes population (81) of Meadow precinct, annexed to Grand Mound and Rochester precincts between 1900 and 1910. Precincts organized since 1910: Bordeaux from part of Little Rock; Chambers from part of Chambers Prairie; Hunters Point from part of Mud Bay; Maytown from part of South Union; Puget from part of South Bay; Skookumchuck from parts of Tenino No. 2, Bucoda, and Tono; Tenino Nos. 1 and 2 from Tenino; Tono from part of Bucoda. Part of Bucoda precinct annexed to Rainier precinct since 1910.

* See headnote.

²⁵ WAHKIAKUM.—Total for 1900 includes population (669) of Cathlamet and Puget Island precincts, not returned separately. Dahlia precinct organized from parts of Altoona and Brookfield precincts since 1910.

NUMBER AND DISTRIBUTION.

21

TABLE 2.—POPULATION OF COUNTIES BY MINOR CIVIL DIVISIONS: 1920, 1910, AND 1900—Continued.

(Precinct means election precinct. Counties showing no totals for 1910 or 1900 have been organized at some time between the censuses; counties showing totals but no comparative figures for election precincts for 1910 or 1900 have been redistricted at some time between the censuses. For other changes in boundaries, etc., between 1910 and 1920, see footnotes; for those between 1900 and 1910, see Reports of the Thirteenth Census: 1910, Vol. III, Table 1, p. 975. For population of incorporated places, see Table 3.)

| MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 | MINOR CIVIL DIVISION. | 1920 | 1910 | 1900 |
|--|---------------|----------------|----------------|--|------|------|------|
| Whatcom County—Continued. | | | | Whitman County—Continued. | | | |
| Point Roberts township..... | 275 | | | Precinct 67, Albion, coextensive with Albion town..... | 252 | | |
| Rome township..... | 385 | | | Precinct 68, Lamont, including Lamont town..... | 340 | | |
| Semiahmoot township..... | 190 | | | Precinct 69, Colfax, comprising part of Colfax city..... | 518 | | |
| Sumas city..... | 851 | | | Precinct 70, Colfax, comprising part of Colfax city..... | 505 | | |
| Ten Mile township..... | 1,490 | | | Precinct 71, Colfax, comprising part of Colfax city..... | 230 | | |
| Trail precinct..... | 23 | | | Precinct 72, Pullman, comprising part of Pullman city..... | 372 | | |
| Van Wyck township..... | 686 | | | Precinct 73, Palouse, comprising part of Palouse city..... | 291 | | |
| Township 37 north, R. 9 east..... | 8 | | | Precinct 74, Tekoa, comprising part of Tekoa city..... | 541 | | |
| Township 37 north, R. 11 east..... | 2 | | | Precinct 75, Tekoa, comprising part of Tekoa city..... | 426 | | |
| Township 37 north, R. 12 east..... | 4 | | | Precinct 76, Cashup..... | 72 | | |
| Township 37 north, R. 13 east..... | 3 | | | Precinct 77, Oakesdale, comprising part of Oakesdale town..... | 441 | | |
| Township 37 north, R. 15 east..... | 1 | | | Precinct 78, Garfield, comprising part of Garfield town..... | 376 | | |
| Township 38 north, R. 9 east..... | 10 | | | Precinct 79, Evans..... | 46 | | |
| Township 38 north, R. 14 east..... | 3 | | | | | | |
| Township 38 north, R. 16 east..... | 2 | | | | | | |
| Lummi Indian Reservation..... | 419 | | | | | | |
| Whitman County..... | 31,323 | *33,280 | *25,360 | Whitman County—Continued. | | | |
| Precinct 1, Uniontown..... | 346 | | | Precinct 67, Albion, coextensive with Albion town..... | 252 | | |
| Precinct 2, Clinton..... | 183 | | | Precinct 68, Lamont, including Lamont town..... | 340 | | |
| Precinct 3, Branham..... | 367 | | | Precinct 69, Colfax, comprising part of Colfax city..... | 518 | | |
| Precinct 4, Palouse..... | 380 | | | Precinct 70, Colfax, comprising part of Colfax city..... | 505 | | |
| Precinct 5, Farmington..... | 303 | | | Precinct 71, Colfax, comprising part of Colfax city..... | 230 | | |
| Precinct 6, Lone Pine..... | 281 | | | Precinct 72, Pullman, comprising part of Pullman city..... | 372 | | |
| Precinct 7, Rosalia..... | 374 | | | Precinct 73, Palouse, comprising part of Palouse city..... | 291 | | |
| Precinct 8, Steptoe..... | 373 | | | Precinct 74, Tekoa, comprising part of Tekoa city..... | 541 | | |
| Precinct 9, North Colfax..... | 381 | | | Precinct 75, Tekoa, comprising part of Tekoa city..... | 426 | | |
| Precinct 10, Onecho..... | 207 | | | Precinct 76, Cashup..... | 72 | | |
| Precinct 11, Seats..... | 247 | | | Precinct 77, Oakesdale, comprising part of Oakesdale town..... | 441 | | |
| Precinct 12, Almota..... | 75 | | | Precinct 78, Garfield, comprising part of Garfield town..... | 376 | | |
| Precinct 13, Penawawa..... | 222 | | | Precinct 79, Evans..... | 46 | | |
| Precinct 14, La Crosse..... | 910 | | | | | | |
| Precinct 15, Endicott..... | 660 | | | | | | |
| Precinct 16, Pine City..... | 603 | | | | | | |
| Precinct 17, Rock Creek..... | 212 | | | | | | |
| Precinct 18, South Colfax..... | 534 | | | | | | |
| Precinct 19, Texas..... | 221 | | | | | | |
| Precinct 20, Diamond..... | 386 | | | | | | |
| Precinct 21, Pampa..... | 150 | | | | | | |
| Precinct 22, Winona..... | 568 | | | | | | |
| Precinct 23, Elberton..... | 245 | | | | | | |
| Precinct 24, Johnson..... | 342 | | | | | | |
| Precinct 25, Tekoa..... | 231 | | | | | | |
| Precinct 26, Colton..... | 265 | | | | | | |
| Precinct 27, Pullman..... | 668 | | | | | | |
| Precinct 28, Garfield..... | 630 | | | | | | |
| Precinct 29, Oakesdale..... | 471 | | | | | | |
| Precinct 30, Guy..... | 378 | | | | | | |
| Precinct 31, Ewartsville..... | 220 | | | | | | |
| Precinct 32, Harper..... | 415 | | | | | | |
| Precinct 33, St. John, coextensive with St. John town..... | 597 | | | | | | |
| Precinct 34, Union..... | 200 | | | | | | |
| Precinct 35, Thornton..... | 545 | | | | | | |
| Precinct 36, Colfax, comprising part of Colfax city..... | 458 | | | | | | |
| Precinct 37, Tekoa, comprising part of Tekoa city..... | 553 | | | | | | |
| Precinct 38, Rosalia, coextensive with Rosalia town..... | 714 | | | | | | |
| Precinct 39, Uniontown, coextensive with Uniontown town..... | 404 | | | | | | |
| Precinct 40, Oakesdale, comprising part of Oakesdale town..... | 375 | | | | | | |
| Precinct 41, Pullman, comprising part of Pullman city..... | 704 | | | | | | |
| Precinct 42, Garfield, comprising part of Garfield town..... | 400 | | | | | | |
| Precinct 43, Farmington, coextensive with Farmington town..... | 479 | | | | | | |
| Precinct 44, Palouse, comprising part of Palouse city..... | 402 | | | | | | |
| Precinct 45, Colton, coextensive with Colton town..... | 382 | | | | | | |
| Precinct 46, Colfax, comprising part of Colfax city..... | 678 | | | | | | |
| Precinct 47, Sunset..... | 256 | | | | | | |
| Precinct 48, Metlock..... | 190 | | | | | | |
| Precinct 49, Ewan..... | 514 | | | | | | |
| Precinct 50, Hooper..... | 196 | | | | | | |
| Precinct 51, Pullman, comprising part of Pullman city..... | 670 | | | | | | |
| Precinct 52, Palouse, comprising part of Palouse city..... | 486 | | | | | | |
| Precinct 53, Colfax, comprising part of Colfax city..... | 688 | | | | | | |
| Precinct 54, Turnbow..... | 549 | | | | | | |
| Precinct 55, Bethel..... | 332 | | | | | | |
| Precinct 56, Elberton, coextensive with Elberton town..... | 244 | | | | | | |
| Precinct 57, Hay..... | 350 | | | | | | |
| Precinct 58, Russell..... | 121 | | | | | | |
| Precinct 59, Bald Butte..... | 128 | | | | | | |
| Precinct 60, Staley..... | 181 | | | | | | |
| Precinct 61, Dusty..... | 355 | | | | | | |
| Precinct 62, St. John..... | 514 | | | | | | |
| Precinct 63, Belmont..... | 150 | | | | | | |
| Precinct 64, Pullman, comprising part of Pullman city..... | 694 | | | | | | |
| Precinct 65, Endicott, coextensive with Endicott town..... | 634 | | | | | | |
| Precinct 66, Malden, coextensive with Malden town..... | 1,005 | | | | | | |

*See headnote.

**YAKIMA.—No population reported for Zillah precinct, outside of Zillah town.

POPULATION—WASHINGTON.

TABLE 3.—POPULATION OF INCORPORATED PLACES: 1920, 1910, AND 1900.

[The absence of population figures for 1910 or 1900 indicates that the place was incorporated at some date between the censuses, unless otherwise explained by footnote.]

| CITY OR TOWN. | County. | 1920 | 1910 | 1900 | CITY OR TOWN. | County. | 1920 | 1910 | 1900 |
|------------------------------------|-------------------|--------|--------|--------|-------------------------------------|-------------------|---------|---------|--------|
| Aberdeen city..... | Grays Harbor..... | 15,337 | 13,660 | 3,747 | Leavenworth city ¹ | Chelan..... | 1,791 | 1,551 | ..... |
| Albion town..... | Whitman..... | 252 | 276 | ..... | Lind town..... | Adams..... | 724 | 831 | ..... |
| Almira town..... | Lincoln..... | 450 | 308 | ..... | Lowell city..... | Snohomish..... | 852 | ..... | ..... |
| Anacortes city..... | Skagit..... | 5,284 | 4,168 | 1,476 | Lyman town..... | Skagit..... | 492 | 441 | ..... |
| Arlington city..... | Snohomish..... | 1,418 | 1,476 | ..... | Lynden town..... | Whatcom..... | 1,244 | 1,148 | 865 |
| Asotin town..... | Asotin..... | 852 | 820 | 470 | McMurray town..... | Skagit..... | 243 | 377 | ..... |
| Auburn city ¹ | King..... | 3,163 | 957 | 489 | Mabton town..... | Yakima..... | 547 | 666 | ..... |
| Bellingham city ² | Whatcom..... | 25,585 | 24,298 | 11,062 | Malden town..... | Whitman..... | 1,005 | 798 | ..... |
| Blaine city..... | Whatcom..... | 2,254 | 2,289 | 1,592 | Mansfield town..... | Douglas..... | 478 | ..... | ..... |
| Bothell town..... | King..... | 613 | 593 | ..... | Marcus town..... | Stevens..... | 551 | ..... | ..... |
| Bremerton city ³ | Kitsap..... | 8,918 | 2,993 | ..... | Marysville town..... | Snohomish..... | 1,244 | 1,239 | 728 |
| Brewster town..... | Okanogan..... | 394 | 296 | ..... | Medical Lake town..... | Spokane..... | 2,545 | 1,730 | 516 |
| Bridgeport town..... | Douglas..... | 337 | 431 | ..... | Metolius Falls town..... | Pend Oreille..... | 153 | ..... | ..... |
| Buckley town..... | Pierce..... | 1,119 | 1,272 | 1,014 | Milton town..... | Pierce..... | 484 | 448 | ..... |
| Buena town..... | Thurston..... | 442 | ..... | ..... | Monroe city..... | Snohomish..... | 1,675 | 1,552 | ..... |
| Burlington city..... | Skagit..... | 1,360 | 1,302 | ..... | Montesano city..... | Grays Harbor..... | 2,158 | 2,488 | 1,194 |
| Camas town..... | Clarke..... | 1,843 | 1,125 | ..... | Morton town..... | Lewis..... | 522 | ..... | ..... |
| Carnation town (Toft P. O.) | King..... | 536 | ..... | ..... | Mount Vernon city..... | Skagit..... | 3,341 | 2,381 | 1,120 |
| Cashmere town..... | Chelan..... | 1,114 | 625 | ..... | Napavine town..... | Lewis..... | 340 | ..... | ..... |
| Castle Rock town..... | Cowlitz..... | 829 | 998 | 750 | Newport town..... | Pend Oreille..... | 950 | 1,199 | ..... |
| Cathlamet town..... | Wahkiakum..... | 422 | 352 | ..... | Noxack town..... | Whatcom..... | 283 | ..... | ..... |
| Centralia city..... | Lewis..... | 7,549 | 7,311 | 1,600 | North Bend town..... | King..... | 387 | 299 | ..... |
| Charleston city..... | Kitsap..... | 3,338 | 1,062 | 197 | Northport city..... | Stevens..... | 906 | 476 | 787 |
| Chehalis city..... | Lewis..... | 4,558 | 4,867 | 1,775 | Oak Harbor town..... | Island..... | 337 | ..... | ..... |
| Chelan town..... | Chelan..... | 896 | 682 | ..... | Oakesdale town..... | Whitman..... | 816 | 882 | 928 |
| Cheney town..... | Spokane..... | 1,252 | 1,207 | 781 | Oakville town..... | Grays Harbor..... | 396 | 465 | ..... |
| Chewelah town..... | Stevens..... | 1,283 | 822 | ..... | Ocosta town..... | Grays Harbor..... | 160 | 127 | 166 |
| Clarkston city..... | Asotin..... | 1,859 | 1,257 | ..... | Odessa town..... | Lewis..... | 1,050 | 855 | ..... |
| Cle Elum city..... | Kittitas..... | 2,361 | 2,749 | ..... | Okanagan town..... | Okanagan..... | 1,015 | 611 | ..... |
| Colfax city..... | Whitman..... | 3,027 | 2,783 | 2,121 | Olympia city..... | Thurston..... | 7,795 | 6,996 | 8,863 |
| Colton town..... | Whitman..... | 382 | 303 | 251 | Omak town..... | Okanagan..... | 525 | ..... | ..... |
| Colville city..... | Stevens..... | 1,718 | 1,532 | 594 | Oroville town..... | Okanagan..... | 1,013 | 495 | ..... |
| Conconully town..... | Okanogan..... | 270 | 357 | ..... | Orting town..... | Pierce..... | 972 | 799 | 728 |
| Concrete town..... | Skagit..... | 924 | 945 | ..... | Othello town..... | Adams..... | 649 | ..... | ..... |
| Connell town..... | Franklin..... | 311 | ..... | ..... | Pacific town..... | King..... | 320 | 413 | ..... |
| Cosmopolis town..... | Grays Harbor..... | 1,512 | 1,132 | 1,004 | Palouse city..... | Whitman..... | 1,179 | 1,549 | 929 |
| Coulee City town..... | Grant..... | 472 | 278 | ..... | Pasco city..... | Franklin..... | 3,362 | 2,083 | 254 |
| Coupeville town..... | Island..... | 343 | 310 | ..... | Pateros town..... | Okanagan..... | 412 | ..... | ..... |
| Creston town..... | Lincoln..... | 317 | 308 | ..... | Pe Ell town..... | Lewis..... | 861 | 838 | ..... |
| Cunningham town..... | Adams..... | 89 | 153 | ..... | Pomeroy city..... | Garfield..... | 1,804 | 1,605 | 983 |
| Davenport town..... | Lincoln..... | 1,112 | 1,229 | 1,000 | Port Angeles city..... | Clallam..... | 5,351 | 2,286 | 2,321 |
| Dayton city..... | Columbia..... | 2,695 | 2,388 | 2,216 | Port Orchard town..... | Kitsap..... | 1,893 | 682 | 264 |
| Deer Park city..... | Spokane..... | 1,103 | 878 | ..... | Port Townsend city..... | Jefferson..... | 2,847 | 4,181 | 3,443 |
| Dupont town..... | Pierce..... | 600 | ..... | ..... | Poulsbo town..... | Kitsap..... | 546 | 364 | ..... |
| Duvall town..... | King..... | 258 | ..... | ..... | Prescott town..... | Walla Walla..... | 559 | 502 | ..... |
| Easton town..... | Kittitas..... | 266 | ..... | ..... | Prosser city..... | Benton..... | 1,697 | 1,298 | 229 |
| Easterville town..... | Pierce..... | 861 | 764 | ..... | Pullman city..... | Whitman..... | 2,440 | 2,802 | 1,308 |
| Edmonds city..... | Snohomish..... | 936 | 1,114 | 474 | Puyallup city..... | Pierce..... | 6,323 | 4,644 | 1,884 |
| Elberton town..... | Whitman..... | 244 | 330 | 297 | Quincy town..... | Grant..... | 285 | 264 | ..... |
| Ellensburg city..... | Kittitas..... | 3,967 | 4,209 | 1,737 | Ravensdale town..... | King..... | 159 | ..... | ..... |
| Elma town..... | Grays Harbor..... | 1,253 | 1,532 | 894 | Raymond city..... | Pacific..... | 4,260 | 2,450 | ..... |
| Endicott town..... | Whitman..... | 634 | 474 | ..... | Reardan town..... | Lincoln..... | 420 | 527 | ..... |
| Enumclaw town..... | King..... | 1,378 | ..... | ..... | Redmond town..... | King..... | 438 | ..... | ..... |
| Ephrata town..... | Grant..... | 628 | 323 | ..... | Renton city..... | King..... | 3,301 | 2,740 | ..... |
| Everett city..... | Snohomish..... | 27,644 | 24,814 | 7,838 | Republic city..... | Ferry..... | 781 | 999 | 2,050 |
| Fairfield town..... | Spokane..... | 413 | 308 | ..... | Richland town..... | Benton..... | 279 | ..... | ..... |
| Farmington town..... | Whitman..... | 479 | 459 | 434 | Ridgefield town..... | Clarke..... | 620 | 297 | ..... |
| Ferndale town..... | Whatcom..... | 759 | 691 | ..... | Ritzville city..... | Adams..... | 1,900 | 1,859 | 761 |
| Friday Harbor town..... | San Juan..... | 522 | 400 | ..... | Riverside town..... | Okanagan..... | 209 | ..... | ..... |
| Garfield town..... | Whitman..... | 776 | 932 | 697 | Rockford town..... | Spokane..... | 435 | 663 | 433 |
| Gold Bar town..... | Snohomish..... | 353 | ..... | ..... | Ronald town..... | Kittitas..... | 718 | ..... | ..... |
| Goldendale town..... | Klickitat..... | 1,274 | 1,203 | 788 | Rosalia town..... | Whitman..... | 714 | 767 | 379 |
| Grandview city..... | Yakima..... | 1,011 | 320 | ..... | Roslyn city..... | Kittitas..... | 2,673 | 3,128 | 2,786 |
| Granger city..... | Yakima..... | 412 | 453 | ..... | Roy town..... | Pierce..... | 287 | 315 | ..... |
| Granite Falls city..... | Snohomish..... | 632 | 714 | ..... | Ruston town..... | Pierce..... | 1,128 | 780 | ..... |
| Hamilton town..... | Skagit..... | 462 | 405 | 392 | St. John town..... | Whitman..... | 597 | 421 | ..... |
| Harrington city..... | Lincoln..... | 882 | 661 | ..... | Seattle city ¹ | King..... | 315,312 | 237,194 | 80,871 |
| Hartline town..... | Grant..... | 282 | 237 | ..... | Sedro-Woolley city..... | Skagit..... | 3,389 | 2,129 | 885 |
| Hatton town..... | Adams..... | 87 | 161 | ..... | Sequim town..... | Clallam..... | 402 | ..... | ..... |
| Hilliard city..... | Spokane..... | 3,942 | 3,276 | ..... | Shelton town..... | Mason..... | 984 | 1,163 | 833 |
| Hoquiam city..... | Grays Harbor..... | 10,058 | 8,171 | 2,608 | Skykomish town..... | King..... | 287 | 238 | ..... |
| Ilwaco town..... | Pacific..... | 787 | 664 | 684 | Snohomish city..... | Snohomish..... | 2,985 | 3,244 | 2,101 |
| Index city..... | Snohomish..... | 412 | 417 | ..... | Snoqualmie town..... | King..... | 450 | 279 | ..... |
| Ione town..... | Pend Oreille..... | 541 | 634 | ..... | Scap Lake town..... | Grant..... | 352 | ..... | ..... |
| Issaquah town..... | King..... | 791 | 628 | 700 | South Bend city..... | Pacific..... | 1,048 | 3,023 | 711 |
| Kahlutus town..... | Franklin..... | 151 | 132 | ..... | South Cle Elum city..... | Kittitas..... | 587 | ..... | ..... |
| Kalama town..... | Cowlitz..... | 1,228 | 816 | 554 | South Prairie town..... | Pierce..... | 215 | 264 | ..... |
| Kelso city..... | Cowlitz..... | 2,228 | 2,039 | 694 | Spangle town..... | Spokane..... | 291 | 299 | 331 |
| Kennewick city ¹ | Benton..... | 1,684 | 1,219 | ..... | Spokane city ² | Spokane..... | 104,437 | 104,402 | 36,848 |
| Kent city..... | King..... | 2,282 | 1,908 | 755 | Sprague city..... | Lincoln..... | 822 | 1,110 | 695 |
| Kettle Falls town..... | Stevens..... | 276 | 377 | 297 | Springdale town..... | Stevens..... | 184 | 251 | ..... |
| Kirkland town..... | King..... | 1,354 | 532 | ..... | Stanwood city..... | Snohomish..... | 704 | 644 | ..... |
| Kittitas town..... | Kittitas..... | 200 | ..... | ..... | Starbuck town..... | Columbia..... | 524 | 761 | ..... |
| Krapp town..... | Grant..... | 106 | (*) | ..... | Stellacoom town..... | Pierce..... | 564 | 430 | 284 |
| La Center town..... | Clarke..... | 167 | 288 | ..... | Stevenson town..... | Skamania..... | 348 | 387 | ..... |
| La Conner town..... | Skagit..... | 516 | 608 | 564 | Sultan town..... | Snohomish..... | 687 | 576 | ..... |
| Lakeside town..... | Chelan..... | 199 | 222 | ..... | Sumas city..... | Whatcom..... | 704 | 644 | ..... |
| Lamont town..... | Whitman..... | 165 | ..... | ..... | Sumner town..... | Pierce..... | 854 | 902 | 319 |
| Langley town..... | Island..... | 274 | ..... | ..... | Sunnyside city..... | Pierce..... | 1,499 | 892 | 531 |
| Latah town..... | Spokane..... | 330 | 339 | 253 | Tacoma city..... | Yakima..... | 1,309 | 1,379 | ..... |

¹ Incorporated as a city since 1910.² Fairhaven and New Whatcom cities consolidated and incorporated as Bellingham city in 1903.³ See county footnote, Table 2.⁴ Not returned separately in 1910.

NUMBER AND DISTRIBUTION.

23

TABLE 3.—POPULATION OF INCORPORATED PLACES: 1920, 1910, AND 1900—Continued.

[The absence of population figures for 1910 or 1900 indicates that the place was incorporated at some date between the censuses, unless otherwise explained by footnote.]

| CITY OR TOWN. | County. | 1920 | 1910 | 1900 | CITY OR TOWN. | County. | 1920 | 1910 | 1900 |
|-----------------------------|-------------|--------|--------|--------|--------------------------|--------------|--------|--------|-------|
| Takoma city ¹ . | Whitman | 1,520 | 1,694 | 717 | Washougal town | Clarke | 765 | 456 | |
| Tenino town | Thurston | 850 | 1,038 | | Washtucena town | Adams | 359 | 300 | |
| Toledo town | Lewis | 324 | 375 | 286 | Waterville town | Douglas | 1,198 | 950 | 482 |
| Toppenish city | Yakima | 3,120 | 1,598 | | Waverly city | Spokane | 234 | 318 | |
| Tukwila town | King | 453 | 381 | | Wenatchee city | Chelan | 6,324 | 4,050 | 451 |
| Tumwater town | Thurston | 472 | 490 | 270 | Westport town | Grays Harbor | 114 | | |
| Twisp town | Okanogan | 289 | 227 | | White Salmon town | Klickitat | 619 | 682 | |
| Union Gap town ² | Yakima | 332 | 203 | 287 | Wilbur town | Lincoln | 870 | 757 | 585 |
| Uniontown town | Whitman | 404 | 426 | 404 | Wilkeson town | Pierce | 803 | 899 | |
| Vader town ³ | Lewis | 500 | 631 | | Wilson Creek town | Grant | 300 | 405 | |
| Vancouver city | Clark | 12,637 | 9,300 | 3,126 | Winlock town | Lewis | 832 | 1,140 | 655 |
| Waitburg city | Walla Walla | 1,174 | 1,237 | 1,011 | Woodland town | Cowlitz | 521 | 384 | |
| Walla Walla city | Walla Walla | 15,503 | 19,384 | 10,049 | Yacolt town | Clarke | 520 | 435 | |
| Wapato town | Yakima | 1,128 | 400 | | Yakima city ⁴ | Yakima | 18,539 | 14,082 | 3,154 |
| Warden town | Grant | 173 | | | Zillah town | Yakima | 647 | | |

¹ Incorporated as a city since 1910.

² Name changed from Yakima City since 1910.

³ Name changed from Little Falls since 1910.

⁴ Name changed from North Yakima since 1910.

TABLE 4.—POPULATION OF WARDS OF CITIES HAVING 5,000 INHABITANTS OR MORE: 1920.

| WARD. | 1920 | WARD. | 1920 | WARD. | 1920 | WARD. | 1920 |
|-----------------|--------|--|--------|--|---------|--|--------|
| Aberdeen city | 15,337 | Bremerton city | 8,918 | Olympia city | 7,795 | Tacoma city | 96,965 |
| Ward 1 | 2,555 | Ward 1 | 1,426 | Ward 1 | 1,268 | Ward 1 | 9,485 |
| Ward 2 | 2,078 | Ward 2 | 1,062 | Ward 2 | 750 | Ward 2 | 11,250 |
| Ward 3 | 2,457 | Ward 3 | 1,920 | Ward 3 | 1,202 | Ward 3 | 15,832 |
| Ward 4 | 1,832 | Ward 4 | 1,220 | Ward 4 | 1,651 | Ward 4 | 17,531 |
| Ward 5 | 2,416 | Ward 5 | 1,452 | Ward 5 | 1,944 | Ward 5 | 18,366 |
| Ward 6 | 3,999 | Ward 6 | 1,092 | Ward 6 | 980 | Ward 6 | 9,164 |
| | | Ward 7 | 746 | | | Ward 7 | 8,326 |
| Anacortes city | 5,284 | Centralia city (Not reported by wards.) | 7,549 | Port Angeles city | 5,351 | Vancouver city (Not reported by wards.) | 12,637 |
| Ward 1 | 1,642 | | | Ward 1 | 765 | Ward 1 | 4,071 |
| Ward 2 | 1,686 | | | Ward 2 | 1,080 | Ward 2 | 4,268 |
| Ward 3 | 1,956 | | | Ward 3 | 378 | Ward 3 | 3,770 |
| Bellingham city | 25,585 | Everett city (Not reported by wards.) | 27,644 | Ward 5 | 1,033 | Ward 4 | 3,396 |
| Ward 1 | 5,538 | Hoquiam city | 10,058 | Ward 6 | 1,255 | Ward 1 | 2,222 |
| Ward 2 | 7,093 | Ward 1 | 1,028 | Ward 1 | 2,176 | Ward 2 | 2,102 |
| Ward 3 | 4,776 | Ward 2 | 1,411 | Ward 2 | 2,256 | Ward 3 | 2,000 |
| Ward 4 | 3,801 | Ward 3 | 1,483 | Ward 3 | 1,891 | | |
| Ward 5 | 2,278 | Ward 4 | 2,285 | Seattle city (Not reported by wards.) | 315,312 | Yakima city (Not reported by wards.) | 18,539 |
| Ward 6 | 2,099 | Ward 5 | 1,771 | Spokane city (Not reported by wards.) | 104,437 | | |
| | | Ward 6 | 2,080 | | | | |

TABLE 5.—URBAN AND RURAL POPULATION OF COUNTIES: 1920, 1910, AND 1900.

[A minus sign (—) denotes decrease.]

| COUNTY. | POPULATION. | | | | | | PER CENT URBAN IN TOTAL POPULATION. | | | PER CENT OF INCREASE IN— | | | | |
|--------------------|-------------|---------|---------|---------|---------|---------|-------------------------------------|------|------|--------------------------|---------------|-------------------|---|------|
| | 1920 | | 1910 | | 1900 | | 1920 | 1910 | 1900 | Urban population. | | Rural population. | Rural population per square mile: 1920. | |
| | Urban. | Rural. | Urban. | Rural. | Urban. | Rural. | | | | 1910 to 1920. | 1900 to 1910. | 1900 to 1920. | | |
| Washington | 748,735 | 607,886 | 605,530 | 536,460 | 211,477 | 308,626 | 55.2 | 53.0 | 40.8 | 23.6 | 186.3 | 13.3 | 75.0 | 9.1 |
| Chelan | 6,324 | 14,582 | 4,050 | 11,054 | — | 3,931 | 30.2 | 26.8 | — | 56.1 | — | 31.9 | 181.2 | 5.0 |
| Clallam | 5,831 | 6,017 | 6,755 | 6,563 | — | 5,603 | 47.1 | — | — | — | — | —10.9 | 20.6 | 3.5 |
| Clark | 12,637 | 20,168 | 9,300 | 16,815 | 8,128 | 10,293 | 38.5 | 35.6 | 23.3 | 35.9 | 197.5 | 19.9 | 63.4 | 31.8 |
| Columbia | 2,695 | 3,398 | — | 7,042 | — | 7,128 | 44.2 | — | — | — | — | -51.7 | -1.2 | 4.0 |
| Franklin | 3,362 | 2,515 | — | 5,153 | — | 486 | 57.2 | — | — | — | — | -51.2 | 960.3 | 2.1 |
| Grays Harbor | 25,395 | 19,350 | 21,831 | 18,759 | 6,355 | 8,769 | 56.8 | 61.3 | 42.0 | 16.3 | 243.5 | 40.6 | 56.9 | 10.4 |
| Jefferson | 2,847 | 3,710 | 4,181 | 4,156 | 3,443 | 2,269 | 43.4 | 50.1 | 60.3 | -31.9 | 21.4 | -10.7 | 83.2 | 2.1 |
| King | 321,778 | 67,497 | 239,934 | 44,704 | 85,239 | 24,814 | 82.7 | 84.3 | 77.5 | 34.1 | 181.5 | 51.0 | 80.2 | 32.0 |
| Kitsap | 12,256 | 20,906 | 2,993 | 14,654 | — | 6,767 | 37.0 | 17.0 | — | 309.5 | — | 42.7 | 116.6 | 56.4 |
| Kittitas | 9,301 | 8,436 | 10,084 | 8,477 | 2,786 | 6,918 | 52.4 | 54.3 | 28.7 | 7.8 | 262.0 | -0.5 | 22.5 | 3.6 |
| Lewis | 12,107 | 24,733 | 11,818 | 20,309 | — | 15,157 | 32.8 | 36.8 | — | 2.4 | — | 21.8 | 34.0 | 10.4 |
| Pacific | 4,280 | 10,631 | 3,023 | 9,509 | — | 5,933 | 28.6 | 24.1 | — | 40.9 | — | 11.8 | 58.9 | 11.9 |
| Pierce | 103,288 | 40,839 | 88,287 | 32,525 | 37,714 | 17,801 | 71.7 | 73.1 | 67.9 | 17.0 | 134.1 | 25.6 | 82.7 | 24.0 |
| Skagit | 12,014 | 21,359 | 4,108 | 26,073 | — | 14,272 | 36.0 | 14.3 | — | 188.2 | — | -14.8 | 75.7 | 12.0 |
| Snohomish | 30,629 | 37,061 | 28,058 | 31,151 | 7,838 | 16,112 | 45.2 | 47.4 | 32.7 | 9.2 | 258.0 | 19.0 | 93.3 | 18.0 |
| Spokane | 110,924 | 30,365 | 107,678 | 31,726 | 36,848 | 20,694 | 78.5 | 77.2 | 64.0 | 3.0 | 192.2 | -4.3 | 53.3 | 17.3 |
| Thurston | 7,795 | 14,571 | 6,998 | 10,685 | 3,863 | 6,064 | 34.9 | 39.8 | 38.9 | 11.4 | 81.1 | 37.7 | 74.6 | 20.6 |
| Walla Walla | 15,503 | 12,036 | 19,364 | 12,507 | 10,049 | 8,631 | 56.3 | 60.6 | 53.8 | -19.9 | 92.7 | -4.2 | 45.6 | 9.5 |
| Whatcom | 25,585 | 25,015 | 24,298 | 25,213 | 11,062 | 13,054 | 50.6 | 49.1 | 45.9 | 5.3 | 119.7 | -0.8 | 93.1 | 12.0 |
| Whitman | 3,027 | 28,294 | 5,385 | 27,895 | — | 25,380 | 9.7 | 16.2 | — | -43.8 | — | 1.4 | 10.0 | 13.4 |
| Yakima | 21,659 | 42,051 | 14,082 | 27,627 | 8,154 | 10,308 | 34.0 | 33.8 | 23.4 | 53.8 | 346.5 | 52.2 | 168.0 | 8.3 |
| All other counties | 154,350 | — | 149,711 | — | 76,212 | — | — | — | — | 3.1 | 96.4 | — | — | — |

¹ Comprises all counties in which there were no incorporated places having 2,500 inhabitants or more in 1920. These counties are Adams, Asotin, Benton, Cowlitz, Douglas, Ferry, Garfield, Grant, Island, Klickitat, Lincoln, Mason, Okanogan, Pend Oreille, San Juan, Skamania, Stevens, and Wahkiakum.

COMPOSITION AND CHARACTERISTICS OF THE POPULATION.

This section gives detailed statistics as to the composition and characteristics of the population on January 1, 1920. It contains detailed tables, which present statistics of color or race, nativity, parentage, sex, age, school attendance, citizenship, illiteracy, dwellings and families, and country of birth, for the state and for its counties and cities. There are, besides, eight summary tables, which reproduce from the detailed tables the more important state and city totals, and supplemental tables for the Indian, Chinese, and Japanese population. There are, also, statistics which cover the following subjects, not included in the second series of state bulletins: Marital condition, state of birth, year of immigration, inability to speak English, country of origin, mother tongue, and ownership of homes. The full presentation of all these subjects is contained in Volume II of the Fourteenth Census Reports.

The principal occupations, as reported for persons 10 years of age and over, are given by sex, color or race, nativity, parentage, and age periods, followed by a summary, by marital condition and age groups, of women gainfully occupied.

Because of the wide differences in characteristics among the various classes of the population, the statistics on each subject are shown according to color or race, and for the white population according to nativity and parentage. Classification according to nativity and parentage has not been deemed necessary for the other races, since nearly all Negroes and Indians are natives of native parentage, while nearly all Chinese and Japanese are either foreign born or of foreign parentage.

The white population is divided into four groups: (1) Native, native parentage—that is, having both parents born in the United States; (2) native, foreign parentage—having both parents born abroad; (3) native, mixed parentage—having one parent native and the other foreign born; (4) foreign born. As the second and third classes do not differ greatly in characteristics, they are combined in certain tables; and in some cases all three native classes are combined.

The presentation of statistics on country of birth of the foreign-born white population is made on the basis of the postwar map. Because of the many political changes which have resulted from the war, comparative figures for 1910 for this class of the population by individual European countries are not presented here.

Since marked differences often exist between urban and rural communities with respect to the composition

and characteristics of their population, the two classes are shown separately in connection with several of the subjects. Urban population, as defined by the Census Bureau, is that residing in cities and other incorporated places having 2,500 inhabitants or more, the remainder being classified as rural.

The census inquiry as to school attendance was merely as to whether the person enumerated had attended school, college, or any kind of educational institution at any time between September 1, 1919, and the census date, January 1, 1920.

The Census Bureau classifies as illiterate any person 10 years of age or over who is unable to write in any language, not necessarily English, regardless of ability to read.

The statistics of marital condition relate only to persons 15 years of age and over, as the number of persons under 15 who are married, widowed, or divorced is naturally insignificant. The terms refer only to the marital status of the population on the census date.

The returns as to state of birth are valuable mainly for the light they throw on the migration of the native population within the United States; they show, for each state, the population residing there on January 1, 1920, distributed as born in the state or elsewhere.

Since the foreign-born population consists mainly of foreign-born whites, the statistics for citizenship relate to this class only. The classification embraces four groups, namely, persons reported as naturalized, persons reported as having taken out first papers, persons reported as aliens, and persons for whom citizenship was not reported.

The inquiry as to year of immigration supplies a means for determining what proportion of the immigrants who arrived during a given year or period of years were still alive and residing in this country on the census date.

The foreign white stock comprises the total of three classes, the foreign-born whites, the native whites of foreign parentage (both parents born abroad), and the native whites of mixed parentage (one parent native and the other foreign born). The term "country of origin," as used in this report, signifies the country of birth of the father of a foreign-born person or the foreign-born parent or parents of a native. The term "mother tongue" means the language of customary speech in the homes of immigrants before immigration.

POPULATION—WASHINGTON.

TABLE 1.—COLOR OR RACE, NATIVITY, PARENTHAGE, AND SEX, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920, 1910, AND 1900.

| CLASS OF POPULATION. | NUMBER. | | | PER CENT OF TOTAL. | | | 1920 | | 1910 | | 1900 | | MALES TO 100 FEMALES. ¹ | | | |
|---|-----------|-----------|---------|--------------------|-------|--------|---------|---------|---------|---------|---------|---------|------------------------------------|---------|---------|-------|
| | 1920 | | 1910 | 1920 | 1910 | 1900 | Male. | Female. | Male. | Female. | Male. | Female. | 1920 | 1910 | 1900 | |
| | 1,356,621 | 1,141,990 | 518,103 | 100.0 | 100.0 | 100.0 | 734,701 | 621,920 | 658,663 | 483,327 | 304,178 | 213,925 | 118.1 | 136.3 | 142.2 | |
| THE STATE. | | | | | | | | | | | | | | | | |
| Total population. | 1,319,777 | 1,109,111 | 496,304 | 97.3 | 97.1 | 95.8 | 711,693 | 608,084 | 635,496 | 473,615 | 288,647 | 207,557 | 117.0 | 134.2 | 139.0 | |
| White. | 6,883 | 6,058 | 2,514 | 0.5 | 0.5 | 0.5 | 3,957 | 2,926 | 3,736 | 2,322 | 1,559 | 925 | 135.2 | 160.9 | 171.8 | |
| Negro. | 9,061 | 10,997 | 10,030 | 0.7 | 1.0 | 1.9 | 4,552 | 4,509 | 5,487 | 5,610 | 4,960 | 5,079 | 101.0 | 99.6 | 97.7 | |
| Indian. | 2,363 | 2,709 | 3,629 | 0.2 | 0.2 | 0.7 | 2,088 | 275 | 5,19 | 190 | 3,550 | 79 | 759.3 | 1,325.8 | 1,325.8 | |
| Chinese. | 17,387 | 12,629 | 5,617 | 1.3 | 1.1 | 1.1 | 11,322 | 6,065 | 11,241 | 1,688 | 5,432 | 185 | 186.7 | 665.9 | 2,938.2 | |
| Japanese. | 1,150 | 186 | ..... | 0.1 | (*) | ..... | 1,089 | 61 | 184 | 2 | ..... | ..... | ..... | ..... | ..... |  |
| All other. | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |  |
| Native white, total. | 1,069,722 | 867,914 | 394,179 | 78.9 | 76.0 | 76.1 | 558,575 | 511,147 | 474,775 | 393,139 | 221,569 | 172,610 | 109.3 | 120.8 | 128.4 | |
| Native parentage. | 711,706 | 585,386 | 265,068 | 52.5 | 51.3 | 51.2 | 374,555 | 337,151 | 324,335 | 261,051 | 151,737 | 113,331 | 111.1 | 124.2 | 133.9 | |
| Foreign parentage. | 214,618 | 174,845 | 79,422 | 15.8 | 15.3 | 15.3 | 117,145 | 108,473 | 94,038 | 80,807 | 43,476 | 35,946 | 107.4 | 116.4 | 120.9 | |
| Mixed parentage. | 143,398 | 107,683 | 49,589 | 10.6 | 9.4 | 9.6 | 72,875 | 50,523 | 51,281 | 26,356 | 23,333 | 108.3 | 110.0 | 113.0 | 113.0 | |
| Foreign-born white. | 250,055 | 241,187 | 102,125 | 18.4 | 21.1 | 19.7 | 153,118 | 96,937 | 160,721 | 80,476 | 67,078 | 38,047 | 158.0 | 199.7 | 191.4 | |
| URBAN POPULATION. | | | | | | | | | | | | | | | | |
| Total. | 748,735 | 605,530 | 211,477 | 100.0 | 100.0 | 100.0 | 395,447 | 353,288 | 344,331 | 260,599 | 126,381 | 85,096 | 111.9 | 132.4 | 148.5 | |
| White. | 729,542 | 590,181 | 203,752 | 97.4 | 97.5 | 96.3 | 382,938 | 346,604 | 332,968 | 257,213 | 119,557 | 84,165 | 110.5 | 129.5 | 142.1 | |
| Negro. | 5,782 | 4,699 | 1,606 | 0.8 | 0.8 | 0.8 | 3,274 | 2,508 | 2,738 | 1,961 | 967 | 639 | 130.5 | 139.6 | 151.3 | |
| Indian, Chinese, Japanese, and all other. | 13,411 | 10,650 | 6,119 | 1.8 | 1.8 | 2.9 | 9,235 | 4,176 | 9,225 | 1,425 | 5,827 | 292 | 221.1 | 647.4 | 1,995.5 | |
| Native white, total. | 579,856 | 450,599 | 155,987 | 77.4 | 74.4 | 78.8 | 294,322 | 285,534 | 242,907 | 207,692 | 89,157 | 66,810 | 103.1 | 117.0 | 128.4 | |
| Native parentage. | 373,611 | 294,854 | 100,313 | 49.9 | 48.7 | 47.4 | 191,966 | 181,646 | 162,338 | 132,516 | 59,741 | 40,572 | 105.7 | 122.5 | 147.2 | |
| Foreign parentage. | 123,872 | 97,382 | 55,654 | 16.5 | 16.1 | 16.1 | 61,882 | 61,900 | 50,382 | 46,550 | 29,416 | 26,238 | 99.8 | 109.2 | 112.1 | |
| Mixed parentage. | 82,373 | 58,383 | 11,0 | 9.6 | 26.3 | 40,474 | 41,899 | 29,737 | 28,626 | 30,430 | 17,355 | 145.1 | 181.9 | 175.3 | 175.3 | |
| Foreign-born white. | 149,688 | 139,582 | 47,785 | 20.0 | 23.1 | 22.6 | 88,616 | 61,070 | 90,061 | 49,521 | ..... | ..... | ..... | ..... | ..... |  |
| RURAL POPULATION. | | | | | | | | | | | | | | | | |
| Total. | 807,886 | 536,480 | 208,626 | 100.0 | 100.0 | 100.0 | 339,254 | 268,632 | 313,732 | 222,728 | 177,797 | 128,829 | 128.3 | 140.9 | 128.0 | |
| White. | 590,235 | 518,930 | 292,552 | 97.1 | 96.7 | 95.4 | 325,755 | 261,480 | 302,528 | 216,402 | 168,060 | 123,492 | 125.7 | 139.8 | 126.9 | |
| Negro. | 1,101 | 1,359 | 908 | 0.2 | 0.3 | 0.3 | 688 | 418 | 998 | 361 | 622 | 286 | 163.4 | 276.5 | 217.5 | |
| Indian, Chinese, Japanese, and all other. | 16,550 | 16,171 | 13,166 | 2.7 | 3.0 | 4.3 | 8,816 | 6,734 | 10,206 | 5,965 | 8,115 | 5,051 | 145.8 | 171.1 | 160.7 | |
| Native white, total. | 489,866 | 417,315 | 289,212 | 80.6 | 77.8 | 77.7 | 264,253 | 226,613 | 231,868 | 185,447 | 132,412 | 105,800 | 117.1 | 125.0 | 125.2 | |
| Native parentage. | 338,065 | 290,532 | 164,755 | 55.6 | 54.2 | 53.7 | 182,589 | 155,508 | 161,997 | 128,535 | 91,998 | 72,759 | 117.4 | 126.0 | 128.4 | |
| Foreign parentage. | 90,748 | 77,463 | 73,457 | 14.9 | 14.4 | 9.2 | 24.0 | 49,263 | 41,483 | 43,208 | 34,267 | 40,416 | 33,041 | 118.8 | 126.1 | 122.3 |
| Mixed parentage. | 61,025 | 49,320 | 10.0 | 10.0 | 9.2 | 24.0 | 32,401 | 28,624 | 26,665 | 22,655 | 41,413 | 17,179 | 117.2 | 228.3 | 207.1 | 207.1 |
| Foreign-born white. | 100,369 | 101,615 | 54,340 | 16.5 | 18.9 | 17.7 | 64,502 | 35,587 | 70,660 | 30,955 | 36,648 | 17,692 | 179.8 | 228.3 | 207.1 | 207.1 |

¹ Ratio not shown where number of females is less than 100. ² Comprises 958 Filipinos, 93 Koreans, 85 Hindus, 8 Hawaiians, and 1 Malay. ³ Less than one-tenth of 1 percent.

TABLE 2.—SCHOOL ATTENDANCE, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[Per cent not shown where base is less than 100. For statistics of school attendance for Indian, Chinese, and Japanese population, see supplemental table.]

| AGE PERIOD. | ALL CLASSES. | | | NATIVE WHITE. | | | | FOREIGN-BORN WHITE. | | | NEGRO. | | | | |
|---------------------------|---------------|-------------------|---------------|-------------------|-------------------|-----------------------------|-------------------|---------------------|-------------------|---------------|-------------------|---------------|-------------------|------|------|
| | | | | Native parentage. | | Foreign or mixed parentage. | | | | | | | | | |
| | Total number. | Attending school. | Total number. | Total number. | Attending school. | Total number. | Attending school. | Total number. | Attending school. | Total number. | Attending school. | Total number. | Attending school. | | |
| THE STATE: 1920 | | | | | | | | | | | | | | | |
| 5 to 20 years, inclusive. | 873,108 | 257,332 | 69.0 | 222,412 | 157,018 | 70.6 | 124,814 | 86,134 | 69.0 | 18,221 | 9,801 | 53.8 | 1,276 | 848 | 66.5 |
| Male. | 188,078 | 127,947 | 68.0 | 111,752 | 77,919 | 69.7 | 62,948 | 42,791 | 68.0 | 9,160 | 4,860 | 53.1 | 642 | 407 | 63.4 |
| Female. | 185,030 | 129,385 | 69.9 | 110,660 | 79,099 | 71.5 | 61,866 | 43,343 | 70.1 | 9,061 | 4,941 | 54.5 | 634 | 441 | 69.6 |
| 5 and 6 years. | 51,693 | 19,820 | 37.4 | 32,141 | 12,153 | 37.8 | 16,788 | 6,291 | 37.5 | 1,395 | 516 | 37.0 | 165 | 63 | 38.2 |
| 7 to 13 years. | 171,819 | 162,750 | 94.7 | 104,408 | 99,308 | 95.1 | 57,849 | 55,048 | 95.2 | 6,388 | 5,790 | 89.2 | 584 | 552 | 91.5 |
| 14 and 15 years. | 43,386 | 38,442 | 88.6 | 25,550 | 23,076 | 90.3 | 14,759 | 12,933 | 87.6 | 2,398 | 1,871 | 78.0 | 130 | 111 | 85.4 |
| 16 and 17 years. | 42,301 | 22,105 | 54.5 | 24,275 | 14,073 | 58.0 | 14,514 | 7,594 | 52.3 | 2,765 | 981 | 35.5 | 141 | 81 | 57.4 |
| 18 to 20 years. | 63,814 | 12,715 | 21.5 | 36,038 | 8,410 | 23.8 | 20,906 | 4,288 | 20.4 | 5,174 | 643 | 12.4 | 256 | 41 | 18.0 |
| URBAN POPULATION. | | | | | | | | | | | | | | | |
| 5 and 6 years. | 25,287 | 10,118 | 40.0 | 15,116 | 8,082 | 40.2 | 8,696 | 3,471 | 39.9 | 956 | 339 | 40.7 | 132 | 54 | 40.9 |
| 7 to 13 years. | 82,642 | 78,470 | 95.0 | 48,481 | 46,231 | 95.4 | 29,188 | 27,749 | 95.1 | 3,363 | 3,488 | 90.3 | 450 | 481 | 95.8 |
| 14 to 20 years. | 78,495 | 35,718 | 49.3 | 43,245 | 22,582 | 52.2 | 27,815 | 18,209 | 48.4 | 6,431 | 2,186 | 34.0 | 413 | 179 | 43.3 |
| RURAL POPULATION. | | | | | | | | | | | | | | | |
| 5 and 6 years. | 26,411 | 9,202 | 34.8 | 17,025 | 8,071 | 35.7 | 8,090 | 2,820 | 34.9 | 439 | 127 | 28.9 | 33 | 9 | 31.1 |
| 7 to 13 years. | 89,177 | 84,280 | 94.5 | 55,927 | 53,075 | 94.9 | 28,661 | 27,299 | 95.2 | 2,626 | 2,302 | 87.7 | 134 | 121 | 90.3 |
| 14 to 20 years. | 71,096 | 36,544 | 51.4 | 42,618 | 22,977 | 53.9 | 22,884 | 11,588 | 50.7 | 3,906 | 1,309 | 33.5 | 114 | 54 | 47.4 |
| THE STATE: 1910 | | | | | | | | | | | | | | | |
| 5 to 20 years, inclusive. | 314,213 | 196,781 | 62.6 | 177,634 | 115,340 | 64.9 | 108,334 | 68,681 | 63.7 | 21,311 | 9,098 | 42.7 | 952 | 516 | 54.2 |
| Male. | 161,987 | 95,729 | 61.0 | 90,641 | 67,816 | 63.8 | 55,938 | 34,921 | 68.0 | 12,542 | 4,552 | 38.3 | 477 | 258 | 53.0 |
| Female. | 152,276 | 95,052 | 64.4 | 88,933 | 57,524 | 66.1 | 53,938 | 34,760 | 64.4 | 8,769 | 4,544 | 51.8 | 475 | 263 | 55.4 |
| 5 and 6 years. | 41,420 | 10,986 | 26.5 | 24,800 | 6,631 | 26.7 | 14,262 | 3,807 | 26.7 | 1,558 | 396 | 25.4 | 89 | 18 | 35.0 |
| 7 to 13 years. | 132,146 | 120,345 | 91.1 | 76,441 | 69,757 | 91.8 | 46,490 | 42,902 | 92.3 | 6,142 | 88.7 | 386 | 328 | 85.0 | 85.0 |
| 14 and 15 years. | 37,434 | 32,555 | 87.0 | 21,224 | 18,810 | 88.6 | 13,749 | 11,924 | 88.7 | 1,391 | 1,432 | 75.7 | 98 | 86 | 85.4 |
| 16 and 17 years. | 39,196 | 21,634 | 53.7 | 21,588 | 12,771 | 59.2 | | | | | | | | | |

COMPOSITION AND CHARACTERISTICS.

27

TABLE 3.—AGE, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[For statistics of age for Indian, Chinese, and Japanese population, see supplemental table.]

| AGE PERIOD. | ALL CLASSES. | | | NATIVE WHITE. | | | FOREIGN-BORN WHITE. | | | NEGRO. | | |
|--------------------------|--------------|---------|---------|-------------------|---------|-----------------------------|---------------------|---------|---------|---------|---------|---------|
| | | | | Native parentage. | | Foreign or mixed parentage. | | | | | | |
| | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. | Total. | Male. | Female. |
| THE STATE. | | | | | | | | | | | | |
| All ages: 1920..... | 1,356,621 | 734,701 | 621,920 | 711,708 | 374,555 | 327,151 | 358,016 | 184,020 | 173,996 | 250,055 | 153,118 | 96,927 |
| Under 5 years..... | 126,434 | 64,486 | 61,948 | 82,750 | 42,024 | 40,726 | 37,658 | 19,395 | 18,263 | 1,399 | 700 | 699 |
| Under 1 year..... | 24,669 | 12,564 | 12,105 | 16,325 | 8,274 | 8,051 | 7,137 | 3,706 | 3,481 | 128 | 55 | 73 |
| 5 to 9 years..... | 128,258 | 64,927 | 63,331 | 79,160 | 39,956 | 39,204 | 42,420 | 21,678 | 20,842 | 3,775 | 1,908 | 1,867 |
| 10 to 14 years..... | 117,553 | 59,269 | 58,284 | 70,622 | 35,596 | 35,026 | 39,732 | 20,053 | 19,679 | 5,302 | 2,671 | 2,631 |
| 15 to 19 years..... | 106,485 | 53,516 | 52,969 | 61,016 | 30,425 | 30,591 | 35,882 | 17,978 | 17,904 | 7,338 | 3,699 | 3,639 |
| 20 to 44 years..... | 564,273 | 307,485 | 256,788 | 274,340 | 144,389 | 120,951 | 146,993 | 73,785 | 73,208 | 124,787 | 77,501 | 47,256 |
| 45 years and over..... | 308,831 | 181,389 | 127,462 | 140,431 | 79,554 | 60,877 | 54,928 | 31,000 | 23,928 | 106,727 | 66,034 | 40,033 |
| Age unknown..... | 4,787 | 3,649 | 1,138 | 3,387 | 2,611 | 776 | 403 | 231 | 172 | 727 | 605 | 122 |
| 18 to 44 years..... | 607,275 | 329,067 | 278,208 | 298,764 | 156,583 | 142,181 | 161,119 | 80,797 | 80,322 | 128,155 | 79,178 | 48,977 |
| 21 years and over..... | 857,079 | 452,137 | 374,942 | 406,544 | 220,779 | 185,755 | 195,544 | 101,677 | 98,887 | 230,435 | 143,258 | 87,177 |
| Per cent: 1920..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 5 years..... | 9.3 | 8.8 | 10.0 | 11.6 | 11.2 | 12.1 | 10.5 | 10.5 | 10.5 | 0.6 | 0.5 | 5.8 |
| Under 1 year..... | 1.8 | 1.7 | 1.9 | 2.3 | 2.2 | 2.4 | 2.0 | 2.0 | 2.0 | 0.1 | 0.1 | 1.1 |
| 5 to 9 years..... | 9.5 | 8.8 | 10.2 | 11.1 | 10.7 | 11.6 | 11.8 | 11.7 | 12.0 | 1.5 | 1.2 | 1.9 |
| 10 to 14 years..... | 8.7 | 8.1 | 9.4 | 9.9 | 8.5 | 10.4 | 11.1 | 10.9 | 11.3 | 2.1 | 1.7 | 2.7 |
| 15 to 19 years..... | 7.8 | 7.3 | 8.5 | 8.6 | 8.1 | 9.1 | 10.0 | 9.8 | 10.3 | 2.9 | 2.4 | 3.8 |
| 20 to 44 years..... | 41.6 | 41.9 | 41.8 | 38.5 | 38.5 | 38.5 | 41.1 | 40.1 | 42.1 | 49.9 | 50.6 | 48.8 |
| 45 years and over..... | 22.8 | 24.7 | 20.5 | 19.7 | 21.2 | 18.1 | 15.3 | 16.8 | 13.8 | 42.7 | 43.1 | 42.0 |
| 18 to 44 years..... | 44.8 | 44.8 | 44.7 | 42.0 | 41.8 | 42.2 | 45.0 | 43.9 | 46.2 | 51.3 | 51.7 | 50.5 |
| 21 years and over..... | 63.2 | 65.8 | 60.3 | 57.1 | 58.9 | 55.1 | 54.6 | 55.3 | 53.9 | 92.2 | 93.6 | 89.2 |
| Per cent: 1910..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 5 years..... | 9.5 | 8.4 | 11.0 | 11.4 | 10.5 | 12.6 | 13.4 | 12.9 | 13.9 | 0.8 | 0.6 | 1.1 |
| Under 1 year..... | 1.9 | 1.7 | 2.2 | 2.3 | 2.2 | 2.6 | 2.7 | 2.6 | 2.9 | (1) | (1) | 0.1 |
| 5 to 9 years..... | 8.7 | 7.7 | 10.1 | 10.1 | 9.3 | 11.1 | 12.2 | 11.6 | 12.9 | 1.8 | 1.4 | 2.7 |
| 10 to 14 years..... | 8.1 | 7.1 | 9.5 | 8.3 | 8.3 | 11.1 | 11.8 | 11.2 | 12.4 | 2.0 | 1.5 | 3.1 |
| 15 to 19 years..... | 8.7 | 7.9 | 9.9 | 9.3 | 8.6 | 10.1 | 12.5 | 11.8 | 13.2 | 3.4 | 3.3 | 5.4 |
| 20 to 44 years..... | 45.8 | 45.3 | 42.3 | 42.3 | 44.2 | 40.0 | 39.3 | 40.2 | 38.3 | 59.9 | 61.9 | 55.8 |
| 45 years and over..... | 18.5 | 16.7 | 17.0 | 17.0 | 18.0 | 15.8 | 10.8 | 12.2 | 9.2 | 31.7 | 30.8 | 33.4 |
| 18 to 44 years..... | 49.4 | 51.8 | 46.3 | 46.1 | 47.8 | 44.1 | 44.3 | 44.9 | 43.6 | 61.9 | 64.0 | 57.7 |
| 21 years and over..... | 63.0 | 67.0 | 57.5 | 58.3 | 61.6 | 54.1 | 47.9 | 50.3 | 45.2 | 90.4 | 91.6 | 88.0 |
| URBAN POPULATION. | | | | | | | | | | | | |
| All ages: 1920..... | 748,735 | 395,447 | 353,288 | 373,611 | 191,966 | 181,645 | 206,245 | 102,356 | 103,889 | 149,686 | 88,616 | 61,070 |
| Under 5 years..... | 61,044 | 31,346 | 30,298 | 35,640 | 19,509 | 19,131 | 20,000 | 10,279 | 9,721 | 956 | 490 | 466 |
| Under 1 year..... | 12,338 | 6,275 | 6,063 | 7,783 | 3,949 | 3,834 | 3,938 | 2,028 | 1,910 | 87 | 38 | 32 |
| 5 to 9 years..... | 62,330 | 31,379 | 30,951 | 37,088 | 18,605 | 18,478 | 21,741 | 10,988 | 10,755 | 2,424 | 1,215 | 1,209 |
| 10 to 14 years..... | 56,343 | 27,578 | 28,465 | 32,692 | 16,146 | 16,546 | 19,891 | 9,869 | 10,022 | 3,087 | 1,524 | 1,563 |
| 15 to 19 years..... | 55,876 | 26,745 | 29,131 | 30,736 | 14,557 | 16,179 | 19,563 | 9,844 | 10,219 | 4,534 | 2,174 | 2,360 |
| 20 to 44 years..... | 236,962 | 178,100 | 158,862 | 156,717 | 80,202 | 76,515 | 91,590 | 43,912 | 47,678 | 77,782 | 46,842 | 30,940 |
| 45 years and over..... | 171,469 | 96,773 | 74,596 | 74,763 | 40,591 | 34,172 | 33,132 | 17,773 | 15,359 | 60,280 | 35,845 | 24,435 |
| Age unknown..... | 4,111 | 3,228 | 885 | 2,980 | 2,356 | 624 | 328 | 193 | 135 | 623 | 526 | 97 |
| Per cent: 1920..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 5 years..... | 8.2 | 7.9 | 8.6 | 10.3 | 10.2 | 10.5 | 9.7 | 10.0 | 9.4 | 0.6 | 0.6 | 5.7 |
| 5 to 9 years..... | 8.3 | 7.9 | 8.8 | 9.9 | 9.7 | 10.2 | 10.5 | 10.7 | 10.4 | 1.6 | 1.4 | 5.8 |
| 10 to 14 years..... | 7.5 | 7.0 | 8.1 | 8.8 | 8.4 | 9.1 | 9.6 | 9.6 | 9.6 | 2.1 | 1.7 | 2.5 |
| 15 to 19 years..... | 7.5 | 6.8 | 8.2 | 8.2 | 7.6 | 8.9 | 9.5 | 9.1 | 9.8 | 3.0 | 2.5 | 3.9 |
| 20 to 44 years..... | 45.0 | 45.0 | 45.0 | 41.9 | 41.8 | 42.1 | 44.4 | 42.9 | 45.9 | 52.0 | 52.9 | 50.7 |
| 45 years and over..... | 22.9 | 24.5 | 21.1 | 20.0 | 21.1 | 18.8 | 16.1 | 17.4 | 14.8 | 40.3 | 40.4 | 40.0 |
| Per cent: 1910..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 5 years..... | 8.1 | 7.3 | 9.3 | 9.7 | 8.9 | 10.6 | 12.3 | 12.1 | 12.5 | 0.8 | 0.6 | 1.1 |
| 5 to 9 years..... | 7.3 | 6.5 | 8.4 | 8.5 | 7.7 | 9.4 | 10.6 | 10.4 | 10.8 | 1.8 | 1.4 | 2.5 |
| 10 to 14 years..... | 7.0 | 6.2 | 8.1 | 7.9 | 7.1 | 8.7 | 10.4 | 10.1 | 10.8 | 1.9 | 1.5 | 2.8 |
| 15 to 19 years..... | 8.4 | 7.4 | 9.7 | 8.8 | 7.9 | 9.9 | 12.3 | 11.6 | 13.2 | 3.4 | 3.1 | 3.9 |
| 20 to 44 years..... | 50.2 | 52.7 | 46.9 | 46.9 | 48.9 | 44.4 | 43.2 | 43.5 | 42.9 | 62.0 | 65.1 | 55.9 |
| 45 years and over..... | 18.0 | 18.7 | 17.1 | 16.9 | 17.3 | 16.4 | 11.1 | 12.3 | 9.3 | 28.8 | 27.7 | 30.7 |
| Per cent: 1910..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 5 years..... | 10.7 | 9.8 | 11.8 | 13.0 | 12.3 | 13.9 | 11.6 | 11.2 | 12.2 | -0.4 | 0.8 | 6.4 |
| 5 to 9 years..... | 10.8 | 9.9 | 12.1 | 12.4 | 11.7 | 13.3 | 13.6 | 13.0 | 14.4 | 1.3 | 1.1 | 7.8 |
| 10 to 14 years..... | 10.1 | 9.3 | 11.1 | 11.2 | 10.7 | 11.9 | 13.1 | 12.5 | 13.8 | 2.2 | 1.8 | 3.0 |
| 15 to 19 years..... | 8.3 | 7.9 | 8.9 | 9.0 | 8.7 | 9.3 | 10.8 | 10.6 | 11.0 | 2.8 | 2.4 | 3.6 |
| 20 to 44 years..... | 37.4 | 38.1 | 36.5 | 36.5 | 34.8 | 35.2 | 34.4 | 36.5 | 36.4 | 46.8 | 47.5 | 45.6 |
| 45 years and over..... | 22.6 | 24.9 | 19.6 | 19.4 | 21.3 | 17.2 | 14.4 | 16.2 | 12.2 | 46.3 | 46.8 | 45.3 |
| Per cent: 1910..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 5 years..... | 11.1 | 9.7 | 13.0 | 13.2 | 12.0 | 14.6 | 14.7 | 13.8 | 15.9 | 0.7 | 0.6 | 5.2 |
| 5 to 9 years..... | 10.3 | 9.0 | 12.2 | 11.7 | 10.8 | 12.8 | 14.1 | 12.9 | 15.6 | 1.9 | 1.4 | 3.0 |
| 10 to 14 years..... | 9.4 | 8.2 | 11.1 | 10.3 | 9.4 | 11.4 | 13.4 | 12.6 | 14.5 | 2.2 | 1.6 | 3.6 |
| 15 to 19 years..... | 9.1 | 8.5 | 10.1 | 9.7 | 9.2 | 10.3 | 12.6 | 12.1 | 13.3 | 3.5 | 3.5 | 4.7 |
| 20 to 44 years..... | 40.7 | 43.5 | 36.8 | 37.7 | 39.5 | 35.5 | 34.6 | 36.4 | 32.4 | 55.7 | 57.8 | 50.8 |
| 45 years and over..... | 19.1 | 20.8 | 16.7 | 17.1 | 18.7 | 15.1 | 10.4 | 12.1 | 8.3 | 35.7 | 34.7 | 37.8 |

¹ Less than one-tenth of 1 per cent.

POPULATION—WASHINGTON.

TABLE 4.—ILLITERACY, FOR THE STATE AND URBAN AND RURAL POPULATION: 1920 AND 1910.

[Percent not shown where base is less than 100. For statistics of illiteracy for Indian, Chinese, and Japanese population, see supplemental table.]

| AGE PERIOD. | ALL CLASSES. | | | NATIVE WHITE. | | | | FOREIGN-BORN WHITE. | | | NEGRO. | | | | |
|--------------------------|---------------|-------------|---------------|-------------------|---------------|-----------------------------|---------------|---------------------|---------------|-------------|---------------|-------------|---------------|-------------|------|
| | | | | Native parentage. | | Foreign or mixed parentage. | | | | | | | | | |
| | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | |
| THE STATE: 1920 | | | | | | | | | | | | | | | |
| 10 years and over..... | 1,101,929 | 18,526 | 1.7 | 549,796 | 1,628 | 0.3 | 277,938 | 751 | 0.3 | 244,881 | 11,080 | 4.7 | 6,064 | 245 | 4.0 |
| Male..... | 605,288 | 10,479 | 1.7 | 292,575 | 947 | 0.3 | 143,047 | 470 | 0.3 | 150,510 | 6,656 | 4.4 | 3,525 | 131 | 3.7 |
| Female..... | 496,641 | 8,047 | 1.6 | 257,221 | 681 | 0.3 | 134,891 | 281 | 0.2 | 94,371 | 4,074 | 5.3 | 2,539 | 114 | 4.5 |
| 10 to 15 years..... | 135,045 | 293 | 0.2 | 82,939 | 122 | 0.1 | 46,974 | 80 | 0.2 | 6,507 | 24 | 0.4 | 459 | 1 | 0.2 |
| Male..... | 69,714 | 162 | 0.2 | 41,646 | 64 | 0.2 | 23,651 | 51 | 0.2 | 3,278 | 13 | 0.4 | 216 | 1 | 0.5 |
| Female..... | 65,931 | 131 | 0.2 | 41,293 | 58 | 0.1 | 23,323 | 29 | 0.1 | 3,229 | 11 | 0.3 | 243 | ... | ... |
| 16 to 20 years..... | 106,205 | 456 | 0.4 | 60,313 | 112 | 0.2 | 35,420 | 96 | 0.3 | 7,939 | 112 | 1.4 | 307 | 3 | 0.8 |
| Male..... | 55,437 | 278 | 0.5 | 30,150 | 64 | 0.2 | 17,719 | 68 | 0.4 | 3,974 | 68 | 1.7 | 204 | 1 | 0.5 |
| Female..... | 52,768 | 178 | 0.3 | 30,163 | 48 | 0.2 | 17,701 | 27 | 0.2 | 3,965 | 44 | 1.1 | 193 | 2 | 1.0 |
| 21 years and over..... | 857,079 | 17,777 | 2.1 | 406,544 | 1,394 | 0.3 | 195,544 | 575 | 0.3 | 230,435 | 11,494 | 5.0 | 5,208 | 241 | 4.6 |
| Male..... | 482,137 | 10,039 | 2.1 | 220,779 | 819 | 0.4 | 101,677 | 350 | 0.3 | 143,258 | 6,575 | 4.6 | 3,105 | 129 | 4.2 |
| Female..... | 374,942 | 7,738 | 2.1 | 185,765 | 575 | 0.3 | 93,867 | 225 | 0.2 | 87,177 | 4,919 | 5.6 | 2,103 | 112 | 5.3 |
| URBAN POPULATION. | | | | | | | | | | | | | | | |
| 10 years and over..... | 624,761 | 9,177 | 1.5 | 297,888 | 654 | 0.2 | 164,504 | 387 | 0.2 | 146,306 | 6,575 | 4.5 | 5,120 | 162 | 3.2 |
| Male..... | 332,722 | 5,057 | 1.5 | 153,852 | 382 | 0.2 | 81,091 | 247 | 0.3 | 86,911 | 3,555 | 4.1 | 2,931 | 78 | 2.7 |
| Female..... | 292,039 | 4,120 | 1.4 | 144,036 | 272 | 0.2 | 83,413 | 140 | 0.2 | 59,395 | 3,020 | 5.1 | 2,189 | 84 | 3.8 |
| 10 to 15 years..... | 66,777 | 132 | 0.2 | 38,809 | 61 | 0.2 | 23,586 | 48 | 0.2 | 3,785 | 16 | 0.4 | 348 | 1 | 0.3 |
| 16 to 20 years..... | 57,317 | 246 | 0.4 | 31,150 | 60 | 0.2 | 19,872 | 59 | 0.3 | 5,041 | 63 | 1.2 | 313 | 2 | 0.6 |
| 21 years and over..... | 500,667 | 8,799 | 1.8 | 228,129 | 533 | 0.2 | 121,046 | 280 | 0.2 | 137,480 | 6,496 | 4.7 | 4,459 | 159 | 3.6 |
| RURAL POPULATION. | | | | | | | | | | | | | | | |
| 10 years and over..... | 477,168 | 9,349 | 2.0 | 251,908 | 974 | 0.4 | 113,434 | 364 | 0.3 | 98,575 | 5,055 | 5.1 | 944 | 83 | 8.8 |
| Male..... | 272,566 | 5,422 | 2.0 | 138,723 | 585 | 0.4 | 61,956 | 223 | 0.4 | 63,599 | 3,101 | 4.9 | 504 | 53 | 8.9 |
| Female..... | 204,602 | 3,927 | 1.9 | 113,185 | 409 | 0.4 | 51,478 | 141 | 0.3 | 34,976 | 1,954 | 5.6 | 350 | 30 | 8.6 |
| 10 to 15 years..... | 71,908 | 101 | 0.2 | 44,330 | 61 | 0.1 | 23,388 | 32 | 0.1 | 2,722 | 8 | 0.3 | 111 | ... | ... |
| 16 to 20 years..... | 48,588 | 210 | 0.4 | 29,163 | 52 | 0.2 | 15,648 | 37 | 0.2 | 2,898 | 49 | 1.7 | 84 | 1 | ... |
| 21 years and over..... | 356,412 | 8,978 | 2.5 | 178,415 | 881 | 0.5 | 74,498 | 295 | 0.4 | 92,955 | 4,998 | 5.4 | 749 | 82 | 10.9 |
| THE STATE: 1910 | | | | | | | | | | | | | | | |
| 10 years and over..... | 933,556 | 18,416 | 2.0 | 459,718 | 1,281 | 0.3 | 210,313 | 555 | 0.3 | 234,928 | 11,233 | 4.8 | 5,517 | 239 | 4.3 |
| Male..... | 552,586 | 11,724 | 2.1 | 260,406 | 708 | 0.3 | 118,640 | 311 | 0.3 | 157,493 | 7,703 | 4.9 | 3,473 | 128 | 3.6 |
| Female..... | 380,970 | 6,692 | 1.8 | 198,310 | 573 | 0.3 | 96,667 | 244 | 0.3 | 77,435 | 3,630 | 4.6 | 2,044 | 113 | 5.5 |
| 10 to 15 years..... | 111,322 | 409 | 0.4 | 63,508 | 72 | 0.1 | 40,072 | 65 | 0.2 | 5,928 | 53 | 0.9 | 321 | 1 | 0.3 |
| Male..... | 56,392 | 236 | 0.4 | 32,159 | 48 | 0.1 | 20,315 | 33 | 0.2 | 2,965 | 33 | 1.1 | 161 | 1 | 0.6 |
| Female..... | 54,930 | 173 | 0.3 | 31,349 | 24 | 0.1 | 19,757 | 32 | 0.2 | 2,963 | 20 | 0.7 | 160 | ... | ... |
| 16 to 20 years..... | 103,213 | 1,250 | 1.2 | 55,169 | 103 | 0.2 | 34,833 | 76 | 0.2 | 10,940 | 825 | 7.5 | 379 | 5 | 1.2 |
| Male..... | 54,900 | 908 | 1.7 | 28,488 | 60 | 0.2 | 17,655 | 38 | 0.2 | 7,304 | 677 | 9.3 | 192 | 4 | 2.1 |
| Female..... | 48,313 | 342 | 0.7 | 26,701 | 43 | 0.2 | 17,178 | 38 | 0.2 | 3,636 | 148 | 4.1 | 187 | 1 | 0.5 |
| 21 years and over..... | 719,021 | 16,757 | 2.3 | 341,039 | 1,106 | 0.3 | 185,408 | 414 | 0.3 | 218,000 | 10,255 | 4.7 | 4,817 | 233 | 4.8 |
| Male..... | 441,294 | 10,550 | 2.4 | 199,779 | 600 | 0.3 | 75,676 | 240 | 0.3 | 147,224 | 6,998 | 4.7 | 3,120 | 121 | 3.9 |
| Female..... | 277,727 | 6,177 | 2.2 | 141,260 | 506 | 0.4 | 59,732 | 174 | 0.3 | 70,836 | 3,362 | 4.7 | 1,697 | 112 | 6.6 |
| URBAN POPULATION. | | | | | | | | | | | | | | | |
| 10 years and over..... | 511,822 | 6,697 | 1.3 | 241,355 | 289 | 0.1 | 120,145 | 166 | 0.1 | 135,954 | 5,381 | 4.0 | 4,304 | 162 | 3.8 |
| Male..... | 297,457 | 4,348 | 1.5 | 135,333 | 143 | 0.1 | 62,457 | 91 | 0.1 | 88,201 | 3,441 | 3.9 | 2,550 | 76 | 3.0 |
| Female..... | 214,365 | 2,349 | 1.1 | 106,022 | 146 | 0.1 | 57,688 | 75 | 0.1 | 47,763 | 1,940 | 4.1 | 1,754 | 86 | 4.9 |
| 10 to 15 years..... | 51,282 | 62 | 0.1 | 27,802 | 18 | 0.1 | 19,735 | 16 | 0.1 | 3,255 | 23 | 0.7 | 247 | 1 | 0.4 |
| 16 to 20 years..... | 53,883 | 444 | 0.8 | 27,162 | 21 | 0.1 | 19,423 | 27 | 0.1 | 6,323 | 355 | 5.6 | 300 | 3 | 1.0 |
| 21 years and over..... | 406,657 | 6,191 | 1.5 | 186,331 | 250 | 0.1 | 80,987 | 123 | 0.2 | 126,376 | 5,003 | 4.0 | 3,757 | 158 | 4.2 |
| RURAL POPULATION. | | | | | | | | | | | | | | | |
| 10 years and over..... | 421,734 | 11,719 | 2.8 | 218,361 | 992 | 0.5 | 90,168 | 389 | 0.4 | 98,974 | 5,852 | 5.9 | 1,213 | 77 | 6.3 |
| Male..... | 255,129 | 7,376 | 2.0 | 125,073 | 585 | 0.5 | 51,189 | 220 | 0.4 | 69,292 | 4,262 | 6.2 | 923 | 50 | 5.4 |
| Female..... | 166,605 | 4,343 | 2.6 | 93,288 | 427 | 0.5 | 38,979 | 169 | 0.4 | 29,682 | 1,590 | 5.4 | 290 | 27 | 9.3 |
| 10 to 15 years..... | 60,040 | 347 | 0.6 | 35,646 | 54 | 0.2 | 20,337 | 49 | 0.2 | 2,673 | 30 | 1.1 | 74 | ... | ... |
| 16 to 20 years..... | 49,380 | 306 | 1.6 | 25,007 | 82 | 0.3 | 15,410 | 49 | 0.3 | 4,617 | 470 | 10.2 | 79 | 2 | ... |
| 21 years and over..... | 312,384 | 10,566 | 3.4 | 154,708 | 856 | 1.6 | 54,421 | 291 | 0.5 | 91,684 | 5,352 | 5.8 | 1,060 | 75 | 7.1 |

COMPOSITION AND CHARACTERISTICS.

29

TABLE 5.—POPULATION 21 YEARS OF AGE AND OVER, BY SEX, CLASS OF POPULATION, AND CITIZENSHIP, FOR THE STATE: 1920 AND 1910.

| CLASS OF POPULATION AND CITIZENSHIP. | POPULATION 21 YEARS OF AGE AND OVER. | | | PER CENT DISTRIBUTION. | | | CLASS OF POPULATION AND CITIZENSHIP. | POPULATION 21 YEARS OF AGE AND OVER. | | | PER CENT DISTRIBUTION. | | | |
|---|---|---------|-----------------|------------------------|-------|----------------------|---|---|---------|-----------------|------------------------|------|----------------------|--|
| | Male. | | Female: 1920 | Male. | | Fe- male: 1920 | | Male. | | Female: 1920 | Male. | | Fe- male: 1920 | |
| | 1920 | 1910 | | 1920 | 1910 | | | 1920 | 1910 | | 1920 | 1910 | | |
| Total..... | 482,137 | 441,294 | 374,942 | 100.0 | 100.0 | 100.0 | Native white..... | 322,456 | 275,455 | 279,632 | 66.9 | 62.4 | 74.6 | |
| White..... | 465,714 | 422,870 | 366,809 | 96.6 | 95.8 | 97.8 | Native parentage..... | 290,779 | 199,779 | 185,765 | 45.8 | 45.3 | 49.5 | |
| Negro..... | 3,105 | 3,120 | 2,103 | 0.6 | 0.7 | 0.6 | Foreign parentage..... | 64,624 | 49,855 | 55,025 | 12.4 | 11.3 | 15.5 | |
| Indian..... | 2,418 | 2,558 | 2,315 | 0.5 | 0.6 | 0.6 | Mixed parentage..... | 37,033 | 25,821 | 35,832 | 7.7 | 5.9 | 9.6 | |
| Chinese..... | 1,748 | 2,304 | 129 | 0.4 | 0.5 | (1) | Foreign-born white..... | 143,253 | 147,224 | 87,177 | 29.7 | 33.4 | 23.3 | |
| Japanese..... | 8,209 | 10,165 | 3,556 | 1.7 | 2.3 | 0.9 | Naturalized..... | 77,150 | 68,895 | 56,761 | 16.0 | 15.6 | 15.1 | |
| All other..... | 883 | 163 | 30 | 0.2 | (1) | (1) | Having first papers..... | 28,308 | 15,255 | 1,443 | 5.9 | 3.5 | 0.4 | |
| | | | | | | | Alien..... | 29,572 | 43,202 | 22,954 | 6.1 | 9.8 | 6.1 | |
| | | | | | | | Unknown..... | 8,222 | 19,869 | 6,019 | 1.7 | 4.5 | 1.6 | |

¹ Less than one-tenth of 1 per cent.

TABLE 6.—COUNTRY OF BIRTH OF THE FOREIGN-BORN WHITE, FOR THE STATE AND PRINCIPAL CITIES: 1920.

| COUNTRY OF BIRTH. | THE STATE. | | SEATTLE. | | SPOKANE. | | COUNTRY OF BIRTH. | THE STATE. | | SEATTLE. | | SPOKANE. | | |
|---------------------|------------|------------------------|--------------|------------------------|--------------|------------------------|--------------------------|------------|------------------------|--------------|------------------------|--------------|------------------------|--|
| | Number. | Per cent distribution. | Num- ber. | Per cent distribution. | Num- ber. | Per cent distribution. | | Number. | Per cent distribution. | Num- ber. | Per cent distribution. | Num- ber. | Per cent distribution. | |
| | | | | | | | | | | | | | | |
| All countries..... | 250,055 | 100.0 | 73,875 | 100.0 | 16,826 | 100.0 | Hungary..... | 1,056 | 0.4 | 350 | 0.5 | 89 | 0.5 | |
| Austria..... | 6,494 | 2.6 | 1,412 | 1.9 | 238 | 1.7 | Ireland..... | 8,927 | 3.6 | 3,455 | 4.7 | 717 | 4.3 | |
| Belgium..... | 1,438 | 0.6 | 541 | 0.7 | 55 | 0.3 | Italy..... | 10,813 | 4.3 | 3,094 | 4.2 | 922 | 5.5 | |
| Canada—French..... | 2,581 | 1.0 | 630 | 0.9 | 144 | 0.9 | Jugo-Slavia..... | 3,565 | 1.4 | 654 | 0.9 | 113 | 0.7 | |
| Canada—Other..... | 40,407 | 16.2 | 13,224 | 17.9 | 3,692 | 21.9 | Netherlands..... | 3,097 | 1.2 | 525 | 0.7 | 183 | 1.1 | |
| Czechoslovakia..... | 1,792 | 0.7 | 302 | 0.4 | 100 | 0.6 | Norway..... | 30,304 | 12.1 | 9,118 | 12.3 | 1,533 | 9.1 | |
| Denmark..... | 8,359 | 3.3 | 2,238 | 3.0 | 477 | 2.8 | Poland..... | 3,906 | 1.6 | 881 | 1.2 | 154 | 0.9 | |
| England..... | 20,806 | 8.3 | 7,794 | 10.6 | 1,613 | 9.6 | Russia..... | 11,124 | 4.4 | 3,348 | 4.5 | 593 | 3.0 | |
| Finland..... | 11,863 | 4.7 | 2,256 | 3.1 | 187 | 0.9 | Scotland..... | 7,886 | 3.2 | 3,195 | 4.3 | 570 | 3.4 | |
| France..... | 2,452 | 1.0 | 717 | 1.0 | 179 | 1.1 | Sweden..... | 34,793 | 13.9 | 10,253 | 13.9 | 2,580 | 15.3 | |
| Germany..... | 22,315 | 8.9 | 4,827 | 6.5 | 1,992 | 11.8 | Switzerland..... | 3,671 | 1.5 | 542 | 0.7 | 211 | 1.3 | |
| Greece..... | 4,214 | 1.7 | 1,399 | 1.9 | 107 | 0.6 | Wales..... | 2,040 | 0.8 | 673 | 0.9 | 134 | 0.8 | |
| | | | | | | | All other countries..... | 6,152 | 2.5 | 2,457 | 3.3 | 398 | 1.8 | |

TABLE 7.—INDIANS, CHINESE, AND JAPANESE, FOR COUNTIES AND FOR CITIES OF 25,000 OR MORE: 1920, 1910, AND 1900.

| COUNTY OR CITY. | INDIAN. | | | CHINESE. | | | JAPANESE. | | | INDIAN. | | | CHINESE. | | | JAPANESE. | | | |
|---------------------------------|---------|--------|--------|----------|-------|-------|-----------|--------|-------|-------------------|------|------|----------|------|------|-----------|-------|-------|------|
| | 1920 | 1910 | 1900 | 1920 | 1910 | 1900 | 1920 | 1910 | 1900 | 1920 | 1910 | 1900 | 1920 | 1910 | 1900 | 1920 | 1910 | 1900 | |
| | | | | | | | | | | | | | | | | | | | |
| THE STATE..... | 9,081 | 10,997 | 10,039 | 2,363 | 2,709 | 3,629 | 17,387 | 12,929 | 5,617 | Okanogan..... | 799 | 823 | 886 | 1 | 12 | 1 | 3 | | |
| COUNTIES..... | | | | 4 | 7 | 2 | 36 | 13 | 24 | Pacific..... | 61 | 235 | 212 | 11 | 59 | 81 | 87 | 119 | |
| The state..... | | | | | | | | | | Pend Oreille..... | 109 | | | 1 | | | | | |
| Adams..... | | | | | | | | | | Pierce..... | 387 | 542 | 601 | 66 | 28 | 265 | 2,652 | 1,940 | 627 |
| Benton..... | 38 | 24 | — | 4 | 11 | 2 | 37 | 36 | — | San Juan..... | 44 | 212 | 226 | | 53 | 12 | 47 | 39 | |
| Chehalan..... | 45 | 34 | 138 | 5 | 1 | — | 123 | 183 | 47 | Skagit..... | 533 | 479 | 579 | 31 | 91 | 193 | 180 | 200 | 49 |
| Clallam..... | 738 | 865 | 733 | 19 | 18 | 16 | 62 | 6 | — | Skamania..... | 74 | 62 | 79 | 2 | 5 | 6 | 10 | 10 | — |
| Clark..... | 25 | 35 | 20 | 72 | 88 | 51 | 44 | 69 | 1 | Snohomish..... | 532 | 799 | 504 | 2 | 6 | 8 | 322 | 312 | 255 |
| Columbia..... | | | | 2 | 13 | 45 | 2 | 7 | 33 | Spokane..... | 23 | 25 | 2 | 147 | 263 | 342 | 360 | 428 | 418 |
| Cowlitz..... | 66 | 67 | 71 | 1 | 2 | — | 12 | 10 | 62 | Stevens..... | 641 | 854 | 901 | 4 | 8 | 28 | 3 | 10 | 10 |
| Douglas..... | | | | | | | | | | Thurston..... | 102 | 177 | 134 | 53 | 78 | 58 | 305 | 285 | 8 |
| Ferry..... | 807 | 814 | 720 | 103 | 113 | 26 | 60 | 70 | 7 | Wahkiakum..... | 8 | 91 | 31 | 3 | 72 | 138 | 2 | 60 | 1 |
| Franklin..... | 4 | 7 | — | 4 | 12 | 5 | 10 | — | | | | | | | | | | | |
| Garfield..... | | | | | | | | | | | | | | | | | | | |
| Grant..... | | | | | | | | | | | | | | | | | | | |
| Grays Harbor ¹ | 444 | 483 | 337 | 28 | 59 | 24 | 155 | 79 | 20 | | | | | | | | | | |
| Island..... | 38 | 103 | 44 | 8 | 25 | 53 | 10 | 7 | — | | | | | | | | | | |
| Jefferson..... | 38 | 262 | 221 | 70 | 102 | 223 | 49 | 88 | 28 | | | | | | | | | | |
| King..... | 116 | 262 | 334 | 1,360 | 934 | 458 | 10,954 | 7,497 | 3,212 | | | | | | | | | | |
| Kitsap..... | 403 | 358 | 281 | 56 | 41 | 38 | 482 | 220 | 226 | | | | | | | | | | |
| Kittitas..... | 20 | 36 | 105 | 18 | 50 | 26 | 26 | 64 | 4 | | | | | | | | | | |
| Klickitat..... | 183 | 214 | 169 | 2 | 4 | 5 | 88 | 98 | 2 | | | | | | | | | | |
| Lewis..... | 98 | 121 | 85 | 1 | — | — | 301 | 366 | 3 | | | | | | | | | | |
| Lincoln..... | 12 | 8 | 11 | 1 | — | — | 20 | 15 | 75 | | | | | | | | | | |
| Mason..... | 309 | 287 | 230 | 10 | 14 | 32 | 76 | 33 | 3 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

¹ Name changed from Chehalis since 1910.

POPULATION—WASHINGTON.

TABLE 8.—AGE, FOR CITIES OF 10,000 OR MORE: 1920.

| AGE PERIOD. | ALL CLASSES. | | NATIVE WHITE. | | FOREIGN-BORN WHITE. | | NEGRO. | | AGE PERIOD. | ALL CLASSES. | | NATIVE WHITE. | | FOREIGN-BORN WHITE. | | NEGRO. | |
|------------------------|--------------|----------|---------------|----------|---------------------|----------|--------|----------|------------------------|--------------|----------|---------------|----------|---------------------|----------|--------|----------|
| | Male. | Fe-male. | Male. | Fe-male. | Male. | Fe-male. | Male. | Fe-male. | | Male. | Fe-male. | Male. | Fe-male. | Male. | Fe-male. | Male. | Fe-male. |
| | | | | | | | | | | | | | | | | | |
| Aberdeen..... | 8,678 | 6,659 | 5,781 | 5,225 | 2,814 | 1,407 | 36 | 21 | Spokane..... | 52,329 | 52,108 | 42,243 | 44,311 | 9,463 | 7,363 | 382 | 345 |
| Under 5 years..... | 738 | 735 | 734 | 729 | 4 | 5 | | | Under 5 years..... | 4,302 | 4,100 | 4,205 | 4,009 | 56 | 54 | 29 | 21 |
| Under 1 year..... | 152 | 151 | 152 | 150 | | | 867 | 806 | Under 1 year..... | | 859 | 795 | 2 | 2 | 3 | 4 | |
| 5 to 9 years..... | 739 | 792 | 712 | 764 | 22 | 26 | 8 | 1 | 5 to 9 years..... | 4,648 | 4,470 | 4,499 | 4,318 | 115 | 113 | 28 | 25 |
| 10 to 14 years..... | 611 | 596 | 581 | 566 | 30 | 29 | | | 10 to 14 years..... | 4,294 | 4,324 | 4,018 | 4,109 | 185 | 186 | 25 | 23 |
| 15 to 19 years..... | 510 | 510 | 442 | 461 | 65 | 48 | 8 | 1 | 15 to 19 years..... | 3,807 | 4,638 | 3,558 | 4,316 | 227 | 291 | 18 | 28 |
| 20 to 44 years..... | 4,241 | 3,955 | 2,269 | 2,100 | 1,914 | 937 | 22 | 14 | 20 to 44 years..... | 21,174 | 22,789 | 16,710 | 19,205 | 4,185 | 3,348 | 167 | 161 |
| 45 years and over..... | 1,694 | 964 | 936 | 599 | 741 | 361 | 8 | 4 | 45 years and over..... | 14,112 | 11,775 | 9,210 | 8,315 | 4,687 | 3,367 | 116 | 87 |
| Age unknown..... | 145 | 7 | 107 | 6 | 38 | 1 | | | Age unknown..... | 52 | 42 | 43 | 38 | 8 | 4 | 1 | ..... |
| 18 to 44 years..... | 4,435 | 3,263 | 2,429 | 2,281 | 1,946 | 964 | 24 | 14 | 18 to 44 years..... | 22,665 | 24,784 | 18,097 | 21,061 | 4,279 | 3,503 | 176 | 174 |
| 21 years and over..... | 5,976 | 3,909 | 3,228 | 2,603 | 2,675 | 1,285 | 28 | 17 | 21 years and over..... | 34,629 | 33,599 | 25,301 | 26,660 | 8,837 | 6,646 | 280 | 244 |
| Bellingham..... | 13,288 | 12,297 | 10,137 | 9,999 | 3,082 | 2,248 | 21 | 19 | Tacoma..... | 51,601 | 45,364 | 38,024 | 35,969 | 12,042 | 8,521 | 488 | 410 |
| Under 5 years..... | 1,145 | 1,057 | 1,107 | 1,056 | 26 | 24 | 1 | | Under 5 years..... | 4,088 | 3,937 | 3,914 | 3,785 | 50 | 39 | 23 | 20 |
| Under 1 year..... | 234 | 206 | 230 | 200 | 2 | 6 | | | Under 1 year..... | 860 | 812 | 816 | 780 | 7 | 5 | 9 | 7 |
| 5 to 9 years..... | 1,167 | 1,130 | 1,107 | 1,077 | 56 | 49 | 1 | 2 | 5 to 9 years..... | 4,087 | 4,132 | 3,909 | 3,930 | 112 | 128 | 27 | 28 |
| 10 to 14 years..... | 1,083 | 1,096 | 1,025 | 1,020 | 56 | 70 | 1 | 3 | 10 to 14 years..... | 3,633 | 3,832 | 3,386 | 3,608 | 211 | 167 | 21 | 35 |
| 15 to 19 years..... | 1,041 | 1,127 | 946 | 1,035 | 92 | 91 | 3 | 1 | 15 to 19 years..... | 3,573 | 3,754 | 3,175 | 3,405 | 318 | 301 | 22 | 23 |
| 20 to 44 years..... | 5,220 | 4,953 | 3,800 | 3,983 | 1,385 | 943 | 8 | 9 | 20 to 44 years..... | 22,025 | 19,470 | 15,144 | 14,962 | 5,905 | 4,036 | 219 | 197 |
| 45 years and over..... | 3,612 | 2,888 | 2,135 | 1,814 | 1,464 | 1,067 | 7 | 4 | 45 years and over..... | 12,457 | 9,977 | 6,952 | 6,040 | 5,242 | 3,835 | 150 | 91 |
| Age unknown..... | 20 | 16 | 17 | 14 | 3 | 2 | | | Age unknown..... | 1,738 | 262 | 1,544 | 144 | 15 | 26 | 6 | 6 |
| 18 to 44 years..... | 5,620 | 5,430 | 4,158 | 4,413 | 1,426 | 990 | 9 | 9 | 18 to 44 years..... | 23,458 | 21,090 | 16,396 | 16,403 | 6,101 | 4,192 | 231 | 208 |
| 21 years and over..... | 8,664 | 7,637 | 5,784 | 5,609 | 2,833 | 1,994 | 15 | 13 | 21 years and over..... | 35,490 | 28,899 | 23,019 | 20,527 | 11,270 | 7,807 | 391 | 261 |
| Everett..... | 14,624 | 13,020 | 11,054 | 10,593 | 3,404 | 2,337 | 79 | 71 | Vancouver..... | 6,788 | 5,849 | 5,936 | 5,213 | 787 | 616 | 11 | 9 |
| Under 5 years..... | 1,233 | 1,178 | 1,199 | 1,149 | 16 | 16 | 14 | 10 | Under 5 years..... | 590 | 522 | 582 | 508 | 5 | 12 | 1 | ..... |
| Under 1 year..... | 232 | 224 | 225 | 222 | 1 | | 3 | 1 | Under 1 year..... | 116 | 106 | 115 | 104 | 2 | | | |
| 5 to 9 years..... | 1,207 | 1,207 | 1,215 | 1,158 | 46 | 45 | 6 | 4 | 5 to 9 years..... | 552 | 521 | 544 | 510 | 7 | 11 | | |
| 10 to 14 years..... | 1,199 | 1,139 | 1,130 | 1,074 | 66 | 57 | 3 | 7 | 10 to 14 years..... | 516 | 565 | 505 | 546 | 11 | 18 | 1 | 1 |
| 15 to 19 years..... | 1,126 | 1,228 | 1,029 | 1,135 | 88 | 92 | 4 | 1 | 15 to 19 years..... | 527 | 591 | 507 | 567 | 17 | 21 | 2 | 2 |
| 20 to 44 years..... | 6,159 | 5,477 | 4,427 | 4,347 | 1,643 | 1,092 | 31 | 25 | 20 to 44 years..... | 2,907 | 2,433 | 2,552 | 2,153 | 333 | 273 | 3 | 2 |
| 45 years and over..... | 3,616 | 2,782 | 2,040 | 1,722 | 1,536 | 1,034 | 20 | 24 | 45 years and over..... | 1,688 | 1,204 | 1,190 | 917 | 412 | 280 | 7 | 4 |
| Age unknown..... | 24 | 9 | 14 | 8 | 9 | 1 | 1 | | Age unknown..... | 58 | 13 | 56 | 12 | 2 | 1 | | |
| 18 to 44 years..... | 6,603 | 5,968 | 4,833 | 4,791 | 1,677 | 1,139 | 32 | 25 | 18 to 44 years..... | 3,152 | 2,681 | 2,781 | 2,392 | 346 | 282 | 3 | 2 |
| 21 years and over..... | 9,577 | 8,029 | 6,280 | 5,856 | 3,169 | 2,109 | 52 | 49 | 21 years and over..... | 4,496 | 3,539 | 3,698 | 2,976 | 745 | 549 | 9 | 6 |
| Hoquiam..... | 5,723 | 4,335 | 4,065 | 3,495 | 1,615 | 821 | 4 | 2 | Walla Walla..... | 8,132 | 7,371 | 6,855 | 6,599 | 1,068 | 738 | 74 | 26 |
| Under 5 years..... | 497 | 481 | 491 | 475 | 4 | 3 | | | Under 5 years..... | 697 | 626 | 684 | 615 | 5 | 5 | 3 | 3 |
| Under 1 year..... | 95 | 96 | 93 | 98 | 1 | | | | Under 1 year..... | 138 | 108 | 135 | 107 | 1 | | | |
| 5 to 9 years..... | 521 | 487 | 502 | 476 | 18 | 9 | | | 5 to 9 years..... | 699 | 651 | 670 | 636 | 20 | 12 | 2 | 3 |
| 10 to 14 years..... | 447 | 448 | 414 | 419 | 31 | 28 | | | 10 to 14 years..... | 699 | 732 | 668 | 696 | 28 | 32 | 1 | 4 |
| 15 to 19 years..... | 389 | 377 | 365 | 342 | 33 | 35 | | | 15 to 19 years..... | 647 | 707 | 598 | 668 | 34 | 39 | 1 | |
| 20 to 44 years..... | 2,675 | 1,888 | 1,602 | 1,353 | 1,047 | 525 | 3 | 1 | 20 to 44 years..... | 3,234 | 2,992 | 2,688 | 2,674 | 457 | 303 | 47 | 11 |
| 45 years and over..... | 1,138 | 648 | 659 | 424 | 468 | 221 | 1 | | 45 years and over..... | 2,122 | 1,644 | 1,514 | 1,292 | 520 | 344 | 18 | 5 |
| Age unknown..... | 56 | 6 | 42 | 6 | 14 | | | | Age unknown..... | 34 | 19 | 27 | 18 | 4 | 1 | | |
| 18 to 44 years..... | 2,818 | 2,055 | 1,728 | 1,506 | 1,063 | 539 | 3 | 1 | 18 to 44 years..... | 3,495 | 3,287 | 2,923 | 2,954 | 476 | 318 | 48 | 11 |
| 21 years and over..... | 3,794 | 2,465 | 2,237 | 1,716 | 1,520 | 737 | 4 | 1 | 21 years and over..... | 5,257 | 4,483 | 4,105 | 3,827 | 973 | 633 | 64 | 16 |
| Seattle..... | 167,601 | 147,711 | 115,500 | 113,205 | 43,779 | 30,098 | 1,671 | 1,223 | Yakima..... | 8,632 | 8,907 | 8,286 | 7,918 | 1,038 | 805 | 155 | 103 |
| Under 5 years..... | 12,251 | 11,947 | 11,219 | 10,984 | 271 | 200 | 65 | 65 | Under 5 years..... | 792 | 829 | 756 | 795 | 7 | 8 | 12 | 8 |
| Under 1 year..... | 2,458 | 2,470 | 2,254 | 2,235 | 20 | 28 | 10 | 12 | Under 1 year..... | 147 | 167 | 141 | 161 | 1 | 2 | 5 | |
| 5 to 9 years..... | 11,963 | 11,790 | 10,905 | 10,796 | 676 | 680 | 71 | 71 | 5 to 9 years..... | 798 | 826 | 762 | 790 | 13 | 24 | 13 | 5 |
| 10 to 14 years..... | 10,179 | 10,388 | 9,216 | 9,405 | 746 | 703 | 63 | 54 | 10 to 14 years..... | 761 | 764 | 731 | 729 | 20 | 24 | 7 | |
| 15 to 19 years..... | 10,277 | 11,029 | 8,752 | 9,610 | 1,070 | 1,182 | 60 | 77 | 15 to 19 years..... | 706 | 863 | 664 | 811 | 30 | 38 | 5 | 10 |
| 20 to 44 years..... | 82,039 | 71,402 | 52,314 | 52,544 | 24,795 | 16,262 | 972 | 727 | 20 to 44 years..... | 4,129 | 3,802 | 3,492 | 3,359 | 495 | 353 | 70 | 47 |
| 45 years and over..... | 40,013 | 30,754 | 22,575 | 19,530 | 16,945 | 10,854 | 420 | 226 | 45 years and over..... | 2,398 | 1,803 | 1,823 | 1,415 | 502 | 357 | 40 | 29 |
| Age unknown..... | 879 | 421 | 519 | 336 | 276 | 65 | 20 | 3 | Age unknown..... | 48 | 20 | 38 | 19 | 1 | 1 | 8 | ..... |
| 18 to 44 years..... | 86,490 | 76,309 | 56,009 | 56,730 | 25,313 | 16,847 | 1,000 | 760 | 18 to 44 years..... | 4,420 | 4,150 | 3,765 | 3,684 | 479 | 371 | 73 | 51 |
| 21 years and over... | 120,668 | 99,946 | 73,583 | 70,232 | 40,727 | 26,813 | 1,889 | 942 | 21 years and over... | 6,455 | 6,470 | 5,223 | 4,649 | 962 | 701 | 116 | 76 |

COMPOSITION AND CHARACTERISTICS.

31

TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920.

[Part of Stevens County taken to form Pend Oreille since 1910. For detailed notes concerning changes in boundaries, see Vol. I, 1920, p. 148.]

[Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.]

| SUBJECT. | THE STATE. | Adams. | Astotin. | Benton. | Chelan. | Clallam. | Clarke. | Columbia. | Cowlitz. | Douglas. |
|--|------------|--------|----------|---------|---------|----------|---------|-----------|----------|----------|
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | | |
| Total population..... | 1,356,621 | 9,623 | 6,539 | 10,903 | 20,906 | 11,368 | 32,805 | 6,093 | 11,791 | 9,392 |
| Male..... | 734,701 | 5,192 | 3,413 | 5,988 | 11,244 | 6,542 | 17,841 | 3,214 | 6,488 | 5,088 |
| Female..... | 621,920 | 4,431 | 3,126 | 4,915 | 9,662 | 4,826 | 14,964 | 2,879 | 5,303 | 4,304 |
| Native white..... | 1,060,722 | 7,706 | 6,117 | 9,688 | 18,906 | 8,297 | 28,260 | 5,826 | 10,038 | 8,507 |
| Male..... | 558,576 | 4,037 | 3,171 | 5,207 | 9,956 | 4,562 | 15,103 | 3,050 | 5,376 | 4,546 |
| Female..... | 511,147 | 3,669 | 2,946 | 4,481 | 8,953 | 3,735 | 13,157 | 2,776 | 4,862 | 3,961 |
| Native white—Native parentage..... | 711,706 | 4,306 | 5,020 | 7,460 | 15,128 | 5,508 | 20,315 | 5,121 | 7,467 | 6,532 |
| Native white—Foreign parentage..... | 214,618 | 2,455 | 511 | 1,178 | 1,882 | 1,482 | 4,524 | 306 | 1,586 | 1,076 |
| Native white—Mixed parentage..... | 143,308 | 945 | 577 | 1,041 | 1,899 | 1,307 | 3,421 | 399 | 985 | 899 |
| Foreign-born white..... | 250,055 | 1,827 | 411 | 1,131 | 1,777 | 2,148 | 4,362 | 280 | 4,668 | 858 |
| Male..... | 153,118 | 1,077 | 238 | 726 | 1,132 | 1,460 | 2,603 | 159 | 1,062 | 524 |
| Female..... | 96,937 | 750 | 173 | 405 | 645 | 688 | 1,759 | 101 | 606 | 334 |
| Negro..... | 6,883 | 48 | 6 | 3 | 42 | 87 | 29 | 3 | 19 | 15 |
| Male..... | 3,957 | 44 | — | 2 | 22 | 46 | 14 | 2 | 11 | 13 |
| Female..... | 2,926 | 4 | 6 | 1 | 20 | 41 | 15 | 1 | 8 | 2 |
| Indian, Chinese, Japanese, and all other (see Tables I and 7)..... | 29,961 | 42 | 5 | 81 | 178 | 836 | 154 | 4 | 66 | 12 |
| Per cent native white..... | 78.9 | 80.1 | 93.5 | 88.9 | 90.4 | 73.0 | 86.1 | 95.6 | 85.1 | 90.6 |
| Per cent foreign-born white..... | 18.4 | 19.0 | 6.3 | 10.4 | 8.5 | 18.9 | 13.3 | 4.3 | 14.1 | 9.1 |
| Per cent Negro..... | 0.5 | 0.5 | 0.1 | (1) | 0.2 | 0.8 | 0.1 | (1) | 0.2 | 0.2 |
| 1910: Total population. | | | | | | | | | | |
| Native white..... | 1,141,990 | 10,920 | 5,831 | 7,937 | 15,104 | 6,755 | 26,115 | 7,042 | 12,561 | 9,227 |
| Foreign-born white..... | 867,914 | 8,301 | 5,460 | 6,885 | 13,327 | 4,646 | 21,947 | 6,589 | 10,356 | 8,249 |
| Negro..... | 241,197 | 2,590 | 369 | 975 | 1,502 | 1,218 | 3,907 | 431 | 2,120 | 957 |
| Per cent native white..... | 6,058 | 9 | 1 | 6 | 8 | 2 | 47 | 2 | 9 | 11 |
| Per cent foreign-born white..... | 76.0 | 76.0 | 93.6 | 88.7 | 88.2 | 68.8 | 84.0 | 93.6 | 82.4 | 89.4 |
| Per cent Negro..... | 21.1 | 23.7 | 6.3 | 12.3 | 9.9 | 18.0 | 15.0 | 6.1 | 16.9 | 10.4 |
| Per cent Negro..... | 0.5 | 0.1 | (1) | 0.1 | (1) | 0.2 | (1) | 0.1 | 0.1 | 0.1 |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | | |
| Total under 7 years of age..... | 178,182 | 1,705 | 946 | 1,595 | 3,130 | 1,616 | 4,338 | 939 | 1,742 | 1,709 |
| Total 7 to 12 years, inclusive..... | 171,819 | 1,587 | 1,016 | 1,631 | 2,796 | 1,426 | 4,588 | 847 | 1,802 | 1,463 |
| Number attending school..... | 182,750 | 1,529 | 973 | 1,490 | 2,524 | 1,324 | 4,409 | 829 | 1,714 | 1,344 |
| Per cent attending school..... | 94.7 | 98.3 | 95.8 | 91.4 | 90.3 | 92.8 | 96.1 | 97.9 | 95.1 | 91.9 |
| Total 14 and 15 years..... | 43,388 | 372 | 264 | 429 | 753 | 360 | 1,180 | 217 | 457 | 355 |
| Number attending school..... | 38,442 | 327 | 249 | 385 | 690 | 303 | 1,044 | 198 | 409 | 326 |
| Per cent attending school..... | 88.6 | 87.9 | 94.3 | 89.7 | 91.6 | 84.2 | 88.5 | 91.2 | 89.5 | 91.8 |
| Total 16 and 17 years..... | 42,391 | 370 | 277 | 395 | 746 | 359 | 1,158 | 211 | 431 | 325 |
| Number attending school..... | 23,105 | 169 | 197 | 220 | 455 | 173 | 546 | 130 | 270 | 180 |
| Per cent attending school..... | 54.5 | 45.7 | 71.1 | 55.7 | 61.0 | 48.2 | 47.2 | 61.6 | 62.6 | 55.4 |
| Total 18 to 20 years, inclusive..... | 63,814 | 523 | 335 | 529 | 1,036 | 515 | 1,684 | 335 | 559 | 474 |
| Number attending school..... | 13,715 | 95 | 114 | 128 | 265 | 79 | 270 | 80 | 116 | 103 |
| Per cent attending school..... | 21.5 | 18.2 | 34.2 | 24.2 | 25.6 | 15.3 | 16.0 | 23.9 | 20.8 | 21.7 |
| Males 21 years of age and over..... | 482,137 | 2,911 | 1,962 | 3,653 | 6,970 | 4,339 | 11,208 | 1,932 | 3,941 | 2,909 |
| Native white—Native parentage..... | 220,779 | 1,182 | 1,391 | 2,221 | 4,539 | 1,718 | 6,156 | 1,520 | 2,287 | 1,807 |
| Native white—Foreign or mixed parentage..... | 101,677 | 695 | 345 | 715 | 1,238 | 911 | 2,459 | 247 | 664 | 583 |
| Foreign-born white..... | 143,268 | 971 | 225 | 678 | 1,078 | 1,397 | 2,488 | 151 | 984 | 502 |
| Naturalized..... | 77,156 | 658 | 173 | 417 | 584 | 691 | 1,505 | 97 | 569 | 347 |
| First papers..... | 28,308 | 93 | 14 | 99 | 164 | 295 | 424 | 27 | 191 | 45 |
| Alien..... | 29,572 | 186 | 5 | 114 | 225 | 349 | 365 | 19 | 184 | 69 |
| Unknown..... | 8,222 | 34 | 33 | 48 | 105 | 62 | 194 | 8 | 40 | 41 |
| Negro..... | 3,105 | 36 | — | — | 12 | 30 | 12 | 2 | 5 | 13 |
| Indian, Chinese, Japanese, and all other..... | 13,318 | 27 | 1 | 39 | 105 | 283 | 93 | 3 | 21 | 4 |
| Females 21 years of age and over..... | 374,942 | 2,155 | 1,741 | 2,668 | 5,475 | 2,753 | 8,649 | 1,612 | 2,859 | 2,157 |
| Native white—Native parentage..... | 185,765 | 953 | 1,272 | 1,702 | 3,736 | 1,255 | 4,959 | 1,293 | 1,734 | 1,412 |
| Native white—Foreign or mixed parentage..... | 93,807 | 550 | 298 | 572 | 1,121 | 667 | 2,050 | 222 | 559 | 439 |
| Foreign-born white..... | 87,177 | 645 | 169 | 375 | 576 | 614 | 1,612 | 95 | 548 | 301 |
| Naturalized..... | 56,761 | 481 | 138 | 293 | 421 | 432 | 1,148 | 71 | 368 | 223 |
| First papers..... | 1,443 | 6 | 1 | 3 | 3 | 16 | 20 | 1 | 7 | 4 |
| Alien..... | 22,954 | 146 | 10 | 61 | 90 | 124 | 322 | 17 | 144 | 59 |
| Unknown..... | 6,019 | 12 | 20 | 18 | 62 | 42 | 122 | 6 | 29 | 15 |
| Negro..... | 2,103 | 2 | 1 | 1 | 11 | 29 | 9 | 1 | 4 | 2 |
| Indian, Chinese, Japanese, and all other..... | 6,030 | 5 | 1 | 18 | 31 | 188 | 19 | 1 | 14 | 3 |
| Males 18 to 44 years, inclusive..... | 329,067 | 2,169 | 1,164 | 2,340 | 4,813 | 2,939 | 7,342 | 1,327 | 2,628 | 2,053 |
| Females 18 to 44 years, inclusive..... | 278,208 | 1,747 | 1,173 | 1,982 | 4,277 | 1,992 | 6,128 | 1,157 | 2,080 | 1,738 |
| ILLITERACY. | | | | | | | | | | |
| Total 10 years of age and over..... | 1,101,929 | 7,236 | 5,163 | 8,610 | 16,507 | 9,111 | 26,512 | 4,778 | 9,263 | 7,021 |
| Number illiterate..... | 18,526 | 343 | 9 | 79 | 103 | 281 | 261 | 33 | 243 | 62 |
| Per cent illiterate..... | 1.7 | 4.7 | 0.2 | 0.9 | 0.6 | 3.1 | 1.0 | 0.7 | 2.6 | 0.9 |
| Per cent illiterate in 1910..... | 2.0 | 4.2 | 0.3 | 1.0 | 2.1 | 6.6 | 1.5 | 1.0 | 1.3 | 0.4 |
| Native white..... | 827,734 | 5,361 | 4,757 | 7,421 | 14,585 | 6,291 | 22,059 | 4,513 | 7,538 | 6,151 |
| Number illiterate..... | 2,379 | 24 | 5 | 28 | 37 | 19 | 48 | 25 | 40 | 12 |
| Per cent illiterate..... | 0.3 | 0.4 | 0.1 | 0.3 | 0.3 | 0.3 | 0.2 | 0.6 | 0.5 | 0.2 |
| Foreign-born white..... | 244,881 | 1,792 | 400 | 1,120 | 1,752 | 2,100 | 4,296 | 258 | 1,855 | 848 |
| Number illiterate..... | 11,630 | 315 | 3 | 28 | 43 | 75 | 187 | 8 | 196 | 44 |
| Per cent illiterate..... | 4.7 | 17.6 | 0.8 | 2.5 | 2.5 | 3.6 | 4.4 | 3.1 | 11.8 | 5.2 |
| Negro..... | 6,064 | 47 | 4 | 2 | 34 | 73 | 28 | 3 | 15 | 15 |
| Number illiterate..... | 245 | 3 | — | — | 2 | 10 | 1 | — | 4 | 4 |
| Per cent illiterate..... | 4.0 | — | — | — | — | — | — | — | — | — |
| Total 16 to 20 years, inclusive..... | 106,205 | 893 | 610 | 924 | 1,782 | 874 | 2,842 | 546 | 990 | 799 |
| Number illiterate..... | 456 | 6 | 1 | 5 | 1 | 5 | 1 | 1 | 3 | — |
| Per cent illiterate..... | 0.4 | 0.7 | 0.2 | 0.5 | 0.1 | 0.6 | (1) | 0.2 | 0.3 | — |
| Illiterate males 21 years of age and over..... | 10,039 | 154 | 4 | 39 | 63 | 146 | 145 | 13 | 135 | 26 |
| Per cent of all males 21 years of age and over..... | 2.1 | 5.3 | 0.2 | 1.1 | 0.9 | 3.4 | 1.3 | 0.7 | 3.4 | 0.9 |
| Native white..... | 1,169 | 13 | 3 | 9 | 16 | 7 | 28 | 9 | 18 | 7 |
| Foreign-born white..... | 6,575 | 137 | 1 | 18 | 35 | 53 | 96 | 4 | 114 | 14 |
| Negro..... | 129 | 3 | — | — | 1 | 4 | — | — | — | 4 |
| Native white..... | 7,738 | 181 | 4 | 30 | 33 | 130 | 112 | 18 | 105 | 35 |
| Foreign-born white..... | 800 | 8,4 | 0.2 | 1.1 | 0.6 | 4.7 | 1.3 | 1.1 | 3.7 | 1.6 |
| Negro..... | 4,119 | 175 | 2 | 9 | 14 | 8 | 22 | 91 | 4 | 30 |
| Native white..... | 112 | — | — | — | 1 | 2 | 1 | — | — | — |
| DWELLINGS AND FAMILIES. | | | | | | | | | | |
| Dwellings, number..... | 304,735 | 2,144 | 1,643 | 2,597 | 4,854 | 2,947 | 7,775 | 1,530 | 2,825 | 2,313 |
| Families, number..... | 342,228 | 2,219 | 1,689 | 2,724 | 5,204 | 3,016 | 8,284 | 1,574 | 2,904 | 2,360 |

* Less than one-tenth of 1 per cent.

POPULATION—WASHINGTON.

TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920—Continued.

[Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.]

| SUBJECT. | Ferry. | Franklin. | Garfield. | Grant. | Grays Harbor. | Island. | Jefferson. | King. | Kitsap. | Kittitas. |
|--|--------|-----------|-----------|--------|---------------|---------|------------|---------|---------|-----------|
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | | |
| Total population..... | 5,143 | 5,877 | 3,875 | 7,771 | 44,745 | 5,489 | 6,557 | 389,273 | 33,162 | 17,737 |
| Male..... | 2,916 | 3,297 | 2,034 | 4,316 | 26,497 | 3,054 | 4,036 | 209,773 | 18,733 | 9,855 |
| Female..... | 2,227 | 2,580 | 1,841 | 3,455 | 18,248 | 2,435 | 2,521 | 180,500 | 14,429 | 7,882 |
| Native white..... | 3,698 | 5,154 | 3,687 | 6,637 | 33,255 | 4,183 | 4,882 | 281,694 | 25,104 | 13,393 |
| Male..... | 2,094 | 2,775 | 1,913 | 3,600 | 18,312 | 2,203 | 2,897 | 143,426 | 13,788 | 7,102 |
| Female..... | 1,604 | 2,379 | 1,774 | 3,037 | 14,943 | 1,920 | 1,985 | 138,268 | 11,316 | 6,291 |
| Native white—Native parentage..... | 2,753 | 4,002 | 3,086 | 4,505 | 22,255 | 2,332 | 3,101 | 171,188 | 15,685 | 8,153 |
| Native white—Foreign parentage..... | 534 | 624 | 255 | 1,392 | 6,899 | 1,171 | 1,066 | 68,184 | 6,113 | 3,820 |
| Native white—Mixed parentage..... | 411 | 528 | 349 | 740 | 4,071 | 680 | 715 | 42,324 | 3,306 | 1,620 |
| Foreign-born white..... | 636 | 537 | 179 | 1,119 | 10,650 | 1,250 | 1,433 | 91,207 | 6,687 | 3,052 |
| Male..... | 418 | 381 | 115 | 708 | 7,622 | 757 | 999 | 54,706 | 4,050 | 2,525 |
| Female..... | 218 | 156 | 64 | 411 | 3,028 | 493 | 434 | 36,501 | 2,637 | 1,427 |
| Negro..... | 2 | 19 | 4 | 5 | 38 | — | 7 | 3,109 | 109 | 328 |
| Male..... | 1 | 12 | 3 | 2 | 61 | — | 4 | 1,801 | 111 | 181 |
| Female..... | 1 | 7 | 1 | 3 | 27 | — | 3 | 1,308 | 55 | 147 |
| Indian, Chinese, Japanese, and all other (see Tables 1 and 7)..... | 807 | 187 | 5 | 10 | 752 | 56 | 235 | 13,263 | 1,202 | 64 |
| Per cent native white..... | 71.9 | 87.7 | 95.1 | 85.4 | 74.3 | 76.2 | 74.5 | 72.4 | 75.7 | 75.5 |
| Per cent foreign-born white..... | 12.4 | 9.1 | 4.6 | 14.4 | 23.8 | 22.8 | 21.9 | 23.4 | 20.2 | 22.3 |
| Per cent Negro..... | (2) | 0.3 | 0.1 | 0.1 | 0.2 | — | 0.1 | 0.8 | 0.5 | 1.8 |
| 1910: Total population. | | | | | | | | | | |
| Native white..... | 4,800 | 5,153 | 4,199 | 8,698 | 35,590 | 4,704 | 8,337 | 284,638 | 17,647 | 18,581 |
| Foreign-born white..... | 3,188 | 4,175 | 3,918 | 7,238 | 24,542 | 3,570 | 5,789 | 198,316 | 12,069 | 12,069 |
| Negro..... | 808 | 789 | 260 | 1,443 | 10,399 | 994 | 2,056 | 74,951 | 4,902 | 5,495 |
| Per cent native white..... | 10 | 19 | 7 | 3 | 60 | — | 11 | 2,487 | 43 | 247 |
| Per cent foreign-born white..... | 66.0 | 81.0 | 93.3 | 83.2 | 69.0 | 75.9 | 69.4 | 69.7 | 68.4 | 68.3 |
| Per cent Negro..... | 16.8 | 14.9 | 6.2 | 16.6 | 29.1 | 21.1 | 25.0 | 28.3 | 27.8 | 29.6 |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | | |
| Total under 7 years of age..... | 826 | 958 | 615 | 1,297 | 6,056 | 767 | 734 | 45,273 | 4,526 | 2,822 |
| Total 7 to 13 years, inclusive..... | 795 | 771 | 555 | 1,207 | 5,559 | 835 | 763 | 40,760 | 3,902 | 2,693 |
| Number attending school..... | 723 | 726 | 508 | 1,160 | 5,304 | 668 | 719 | 38,579 | 3,698 | 2,526 |
| Per cent attending school..... | 90.8 | 94.2 | 88.8 | 96.1 | 96.0 | 79.8 | 94.2 | 94.6 | 94.8 | 93.8 |
| Total 14 and 15 years..... | 176 | 184 | 141 | 292 | 1,299 | 222 | 195 | 9,899 | 915 | 605 |
| Number attending school..... | 153 | 151 | 127 | 282 | 1,114 | 185 | 175 | 8,707 | 766 | 530 |
| Per cent attending school..... | 86.9 | 92.1 | 90.1 | 89.7 | 85.8 | 74.3 | 89.7 | 88.0 | 87.0 | 87.5 |
| Total 16 and 17 years..... | 169 | 175 | 151 | 252 | 1,285 | 181 | 186 | 10,181 | 943 | 533 |
| Number attending school..... | 83 | 108 | 91 | 147 | 125 | 78 | 108 | 5,519 | 370 | 277 |
| Per cent attending school..... | 49.1 | 59.6 | 60.3 | 58.3 | 48.6 | 43.1 | 58.1 | 54.2 | 39.2 | 52.0 |
| Total 18 to 20 years, inclusive..... | 239 | 267 | 205 | 365 | 2,033 | 218 | 322 | 17,097 | 1,637 | 809 |
| Number attending school..... | 48 | 47 | 47 | 72 | 345 | 43 | 54 | 3,709 | 184 | 188 |
| Per cent attending school..... | 20.1 | 17.6 | 22.9 | 19.7 | 17.0 | 19.7 | 16.8 | 21.7 | 10.0 | 19.8 |
| Males 21 years of age and over..... | 1,766 | 2,114 | 1,208 | 2,555 | 18,159 | 1,918 | 2,874 | 147,238 | 12,582 | 6,026 |
| Native white—Native parentage..... | 890 | 1,187 | 997 | 1,294 | 7,505 | 743 | 1,235 | 56,280 | 5,446 | 2,385 |
| Native white—Foreign or mixed parentage..... | 297 | 441 | 193 | 589 | 2,952 | 446 | 571 | 32,129 | 2,657 | 1,108 |
| Foreign-born white..... | 381 | 360 | 114 | 607 | 7,298 | 702 | 970 | 50,913 | 3,820 | 2,359 |
| Naturalized..... | 258 | 188 | 75 | 491 | 2,604 | 451 | 608 | 25,045 | 2,564 | 1,149 |
| First papers..... | 66 | 49 | 14 | 71 | 1,946 | 103 | 130 | 11,398 | 852 | 467 |
| Alien..... | 44 | 74 | 18 | 65 | 2,397 | 70 | 185 | 11,879 | 470 | 573 |
| Unknown..... | 13 | 49 | 7 | 40 | 321 | 18 | 67 | 2,583 | 134 | 170 |
| Negro..... | 1 | 12 | 1 | 2 | 52 | — | 2 | 1,474 | 93 | 139 |
| Indian, Chinese, Japanese, and all other..... | 197 | 114 | 1 | 3 | 382 | 22 | 96 | 6,442 | 536 | 35 |
| Females 21 years of age and over..... | 1,171 | 1,427 | 972 | 1,803 | 10,324 | 1,353 | 1,483 | 118,825 | 8,657 | 4,243 |
| Native white—Native parentage..... | 576 | 939 | 723 | 972 | 5,180 | 541 | 638 | 50,944 | 3,847 | 2,026 |
| Native white—Foreign or mixed parentage..... | 206 | 316 | 136 | 457 | 2,222 | 381 | 380 | 31,727 | 2,149 | 874 |
| Foreign-born white..... | 195 | 143 | 62 | 309 | 2,757 | 434 | 410 | 32,510 | 2,413 | 1,244 |
| Naturalized..... | 159 | 98 | 43 | 322 | 1,528 | 310 | 326 | 10,300 | 1,743 | 751 |
| First papers..... | 31 | 22 | 11 | 30 | 1,036 | 107 | 40 | 634 | 35 | 11 |
| Alien..... | 5 | 28 | 5 | 16 | 152 | 12 | 40 | 2,392 | 119 | 116 |
| Unknown..... | 4 | 1 | 2 | 144 | 21 | 17 | 2 | 1,006 | 44 | 88 |
| Negro..... | 194 | 20 | 1 | 2 | 144 | 47 | 2,688 | 204 | 11 | 11 |
| Males 18 to 44 years, inclusive..... | 1,017 | 1,477 | 859 | 1,725 | 13,508 | 1,121 | 1,917 | 104,807 | 8,714 | 4,250 |
| Females 18 to 44 years, inclusive..... | 823 | 1,178 | 770 | 1,403 | 8,400 | 901 | 1,031 | 90,143 | 6,351 | 3,328 |
| ILLITERACY. | | | | | | | | | | |
| Total 10 years of age and over..... | 3,935 | 4,585 | 2,997 | 5,928 | 36,143 | 4,304 | 5,489 | 325,443 | 26,925 | 13,742 |
| Number illiterate..... | 213 | 31 | 23 | 57 | 1,187 | 36 | 155 | 4,757 | 207 | 673 |
| Per cent illiterate..... | 5.4 | 0.7 | 0.8 | 1.0 | 3.2 | 0.8 | 2.8 | 1.5 | 0.8 | 4.9 |
| Per cent illiterate in 1910..... | 14.6 | 5.2 | 0.4 | 0.8 | 2.6 | 1.4 | 1.7 | 1.3 | 1.9 | 3.5 |
| Native white..... | 2,768 | 3,863 | 2,813 | 4,808 | 24,910 | 3,097 | 3,873 | 223,343 | 19,236 | 9,538 |
| Number illiterate..... | 24 | 13 | 11 | 15 | 74 | 5 | 14 | 312 | 44 | 43 |
| Per cent illiterate..... | 0.9 | 0.3 | 0.4 | 0.3 | 0.3 | 0.2 | 0.4 | 0.1 | 0.2 | 0.5 |
| Foreign-born white..... | 617 | 537 | 178 | 1,110 | 10,525 | 1,220 | 1,426 | 88,930 | 6,599 | 3,884 |
| Number illiterate..... | 21 | 13 | 12 | 42 | 831 | 14 | 95 | 3,018 | 73 | 600 |
| Per cent illiterate..... | 3.4 | 2.4 | 6.7 | 3.8 | 8.8 | 1.1 | 6.7 | 3.4 | 1.1 | 15.4 |
| Negro..... | 1 | 19 | 3 | 5 | 81 | — | 6 | 2,801 | 156 | 262 |
| Number illiterate..... | 1 | — | — | 6 | — | 2 | 65 | 3 | 22 | 8.3 |
| Per cent illiterate..... | — | — | — | — | — | 2.3 | 1.9 | — | — | 8.3 |
| Total 15 to 20 years, inclusive..... | 408 | 445 | 356 | 617 | 3,318 | 399 | 508 | 27,278 | 2,580 | 1,342 |
| Number illiterate..... | 4 | — | 1 | 2 | 17 | — | 1 | 133 | 6 | 9 |
| Per cent illiterate..... | 1.0 | — | 0.3 | 0.8 | 0.5 | — | 0.2 | 0.5 | 0.2 | 0.7 |
| Illiterate males 21 years of age and over..... | 99 | 16 | 19 | 24 | 814 | 21 | 88 | 2,550 | 96 | 380 |
| Per cent of all males 21 years of age and over..... | 5.6 | 0.8 | 1.6 | 0.9 | 4.5 | 1.1 | 3.1 | 1.7 | 0.8 | 6.3 |
| Native white..... | 12 | 5 | 7 | 5 | 27 | 4 | 7 | 144 | 23 | 20 |
| Foreign-born white..... | 10 | 8 | 12 | 19 | 687 | 9 | 61 | 1,673 | 37 | 343 |
| Negro..... | — | 1 | — | — | 5 | — | 1 | 88 | 1 | 14 |
| Illiterate females 21 years of age and over..... | 105 | 11 | 3 | 29 | 325 | 15 | 62 | 2,017 | 100 | 281 |
| Per cent of all females 21 years of age and over..... | 9.0 | 0.8 | 0.3 | 1.6 | 3.1 | 1.1 | 4.2 | 1.7 | 1.2 | 6.6 |
| Native white..... | 9 | 4 | 3 | 6 | 32 | 1 | 5 | 102 | 15 | 17 |
| Foreign-born white..... | 11 | 5 | — | 23 | 234 | 5 | 34 | 1,295 | 35 | 251 |
| Negro..... | — | — | — | — | 1 | — | 27 | 2 | 2 | 8 |
| DWELLINGS AND FAMILIES. | | | | | | | | | | |
| Dwellings, number..... | 1,431 | 1,365 | 908 | 2,020 | 9,597 | 1,522 | 1,681 | 79,410 | 8,214 | 4,256 |
| Families, number..... | 1,463 | 1,457 | 933 | 2,068 | 10,567 | 1,532 | 1,725 | 99,547 | 8,671 | 4,550 |

1 Name changed from Chehalis since 1910.

2 Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

83

TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920—Continued.

[Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.]

| SUBJECT. | Klickitat. | Lewis. | Lincoln. | Mason. | Okanogan. | Pacific. | Pend Oreille. ¹ | Pierce. | San Juan. | Skagit. |
|--|---------------|---------------|---------------|--------------|---------------|---------------|----------------------------|----------------|--------------|---------------|
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | | |
| Total population..... | 9,268 | 36,840 | 15,141 | 4,919 | 17,094 | 14,891 | 6,363 | 144,127 | 3,605 | 33,373 |
| Male..... | 5,011 | 20,242 | 8,188 | 2,848 | 9,347 | 8,489 | 3,834 | 78,776 | 1,985 | 13,298 |
| Female..... | 4,257 | 16,598 | 6,973 | 2,071 | 7,747 | 6,402 | 2,529 | 65,351 | 1,620 | 15,075 |
| Native white..... | 8,220 | 31,346 | 13,146 | 3,664 | 14,754 | 11,640 | 5,242 | 108,942 | 2,949 | 26,711 |
| Male..... | 4,347 | 16,705 | 6,976 | 2,040 | 7,969 | 6,279 | 3,036 | 57,375 | 1,582 | 14,113 |
| Female..... | 3,873 | 14,641 | 6,170 | 1,624 | 6,785 | 5,361 | 2,206 | 51,587 | 1,387 | 12,598 |
| Native white—Native parentage..... | 6,523 | 23,252 | 8,725 | 2,450 | 11,815 | 7,973 | 3,780 | 66,035 | 1,948 | 18,253 |
| Native white—Foreign parentage..... | 821 | 4,887 | 2,876 | 632 | 1,435 | 2,380 | 775 | 27,387 | 440 | 4,998 |
| Native white—Mixed parentage..... | 876 | 3,207 | 1,745 | 582 | 1,304 | 1,287 | 687 | 15,540 | 561 | 3,460 |
| Foreign-born white..... | 741 | 4,981 | 1,957 | 857 | 1,520 | 3,076 | 998 | 31,040 | 600 | 5,877 |
| Male..... | 481 | 3,185 | 1,172 | 596 | 978 | 2,084 | 728 | 18,782 | 379 | 3,730 |
| Female..... | 260 | 1,816 | 785 | 261 | 542 | 992 | 270 | 12,258 | 221 | 2,147 |
| Negro..... | 34 | 103 | 5 | 3 | 8 | 16 | 13 | 992 | ..... | 23 |
| Male..... | 19 | 61 | 3 | 1 | 5 | 13 | 9 | 541 | ..... | 16 |
| Female..... | 15 | 42 | 2 | 2 | 3 | 3 | 4 | 451 | ..... | 7 |
| Indian, Chinese, Japanese, and all other (see Tables I and 7)..... | 273 | 410 | 33 | 395 | 812 | 159 | 110 | 3,153 | 56 | 762 |
| Per cent native white..... | 88.7 | 85.1 | 86.8 | 74.5 | 86.3 | 78.2 | 82.4 | 75.6 | 81.8 | 80.0 |
| Per cent foreign-born white..... | 8.0 | 13.5 | 12.9 | 17.4 | 8.9 | 20.7 | 15.7 | 21.5 | 16.6 | 17.6 |
| Per cent Negro..... | 0.4 | 0.3 | (2) | 0.1 | (2) | 0.1 | 0.2 | 0.7 | ..... | 0.1 |
| 1910: Total population..... | 10,180 | 32,127 | 17,539 | 5,156 | 12,887 | 12,532 | ..... | 120,812 | 3,603 | 28,241 |
| Native white..... | 8,678 | 29,324 | 14,779 | 3,507 | 10,310 | 8,831 | ..... | 86,171 | 2,586 | 22,420 |
| Foreign-born white..... | 1,149 | 5,225 | 2,718 | 1,309 | 1,734 | 3,185 | ..... | 31,237 | 788 | 6,012 |
| Negro..... | 33 | 79 | 13 | 6 | 19 | 3 | ..... | 889 | ..... | 30 |
| Per cent native white..... | 85.2 | 81.9 | 84.3 | 68.0 | 80.0 | 71.3 | ..... | 71.3 | 71.8 | 76.7 |
| Per cent foreign-born white..... | 11.3 | 16.3 | 15.5 | 25.4 | 13.5 | 25.4 | ..... | 25.9 | 21.0 | 20.6 |
| Per cent Negro..... | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | ..... | 0.7 | ..... | 0.1 |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | | |
| Total under 7 years of age..... | 1,403 | 5,568 | 2,429 | 679 | 2,820 | 2,170 | 895 | 17,319 | 538 | 4,773 |
| Total 7 to 13 years, inclusive..... | 1,361 | 5,696 | 2,323 | 642 | 2,808 | 2,112 | 892 | 17,208 | 489 | 4,859 |
| Number attending school..... | 1,114 | 5,421 | 2,238 | 604 | 2,390 | 2,039 | 839 | 16,197 | 469 | 4,055 |
| Per cent attending school..... | 81.9 | 95.2 | 96.3 | 94.1 | 91.6 | 96.5 | 94.1 | 94.1 | 95.9 | 95.8 |
| Total 14 and 15 years..... | 334 | 1,478 | 580 | 164 | 645 | 490 | 205 | 4,424 | 119 | 1,183 |
| Number attending school..... | 279 | 1,325 | 582 | 147 | 579 | 452 | 175 | 3,815 | 106 | 1,053 |
| Per cent attending school..... | 83.5 | 89.6 | 91.7 | 89.6 | 89.8 | 92.2 | 85.4 | 88.2 | 89.1 | 89.0 |
| Total 16 and 17 years..... | 334 | 1,373 | 568 | 147 | 578 | 477 | 169 | 4,230 | 110 | 1,108 |
| Number attending school..... | 195 | 726 | 349 | 84 | 337 | 258 | 78 | 2,065 | 53 | 823 |
| Per cent attending school..... | 58.4 | 52.9 | 61.4 | 57.1 | 58.3 | 54.1 | 46.2 | 48.8 | 48.2 | 56.2 |
| Total 18 to 20 years, inclusive..... | 436 | 1,723 | 766 | 240 | 788 | 718 | 261 | 6,628 | 150 | 1,503 |
| Number attending school..... | 104 | 337 | 204 | 60 | 169 | 126 | 40 | 1,103 | 25 | 319 |
| Per cent attending school..... | 23.9 | 19.6 | 26.6 | 25.0 | 21.5 | 17.5 | 15.3 | 16.6 | 16.7 | 21.2 |
| Males 21 years of age and over..... | 3,050 | 12,028 | 4,732 | 1,872 | 5,624 | 5,433 | 2,582 | 53,647 | 1,250 | 11,495 |
| Native white—Native parentage..... | 1,871 | 6,678 | 2,330 | 813 | 3,538 | 2,441 | 1,275 | 22,540 | 536 | 5,397 |
| Native white—Foreign or mixed parentage..... | 596 | 2,099 | 1,279 | 355 | 966 | 922 | 560 | 11,499 | 298 | 2,282 |
| Foreign-born white..... | 471 | 2,962 | 1,111 | 576 | 918 | 1,983 | 700 | 17,672 | 383 | 3,527 |
| Naturalized..... | 304 | 1,491 | 815 | 337 | 588 | 946 | 371 | 9,537 | 239 | 1,860 |
| First papers..... | 43 | 430 | 95 | 113 | 133 | 323 | 132 | 3,667 | 50 | 549 |
| Alien..... | 74 | 804 | 132 | 110 | 90 | 606 | 165 | 3,008 | 45 | 665 |
| Unknown..... | 50 | 187 | 69 | 16 | 109 | 108 | 32 | 1,480 | 19 | 453 |
| Negro..... | 6 | 33 | 2 | 1 | 4 | 9 | 7 | 434 | ..... | 13 |
| Indian, Chinese, Japanese, and all other..... | 106 | 256 | 10 | 127 | 198 | 78 | 40 | 1,502 | 13 | 276 |
| Females 21 years of age and over..... | 2,360 | 8,974 | 3,743 | 1,175 | 4,033 | 3,491 | 1,359 | 40,671 | 949 | 8,452 |
| Native white—Native parentage..... | 1,552 | 5,475 | 1,957 | 569 | 2,630 | 1,794 | 769 | 17,634 | 479 | 4,307 |
| Native white—Foreign or mixed parentage..... | 463 | 1,776 | 1,055 | 278 | 741 | 748 | 321 | 10,895 | 246 | 2,012 |
| Foreign-born white..... | 250 | 1,646 | 722 | 242 | 462 | 920 | 237 | 11,245 | 205 | 1,965 |
| Naturalized..... | 193 | 1,089 | 572 | 190 | 388 | 555 | 178 | 7,284 | 159 | 1,363 |
| First papers..... | 25 | 6 | 4 | 4 | 12 | 3 | 172 | ..... | 17 | ..... |
| Alien..... | 25 | 389 | 103 | 41 | 57 | 245 | 46 | 2,868 | 34 | 387 |
| Unknown..... | 32 | 143 | 41 | 7 | 35 | 103 | 12 | 921 | 12 | 198 |
| Negro..... | 8 | 24 | 1 | 1 | 3 | 1 | 2 | 314 | ..... | 7 |
| Indian, Chinese, Japanese, and all other..... | 77 | 53 | 8 | 85 | 197 | 28 | 30 | 583 | 19 | 161 |
| Males 18 to 44 years, inclusive..... | 2,007 | 8,271 | 3,288 | 1,145 | 3,577 | 3,984 | 1,709 | 35,732 | 722 | 7,648 |
| Females 18 to 44 years, inclusive..... | 1,697 | 6,645 | 2,875 | 844 | 2,980 | 2,724 | 1,061 | 29,064 | 613 | 6,133 |
| ILLITERACY. | | | | | | | | | | |
| Total 10 years of age and over..... | 7,260 | 28,799 | 11,688 | 3,950 | 13,086 | 11,756 | 5,059 | 118,068 | 2,851 | 26,425 |
| Number illiterate..... | 153 | 553 | 145 | 112 | 317 | 385 | 110 | 2,327 | 26 | 528 |
| Per cent illiterate..... | 2.1 | 1.9 | 1.2 | 2.8 | 2.4 | 3.1 | 2.2 | 2.0 | 0.9 | 2.0 |
| Per cent illiterate in 1910..... | 3.0 | 2.7 | 0.8 | 2.8 | 4.9 | 1.8 | ..... | 2.1 | 1.5 | 3.4 |
| Native white..... | 6,272 | 23,466 | 9,731 | 2,813 | 11,009 | 8,566 | 3,975 | 85,228 | 2,216 | 20,049 |
| Number illiterate..... | 14 | 136 | 32 | 6 | 60 | 36 | 19 | 232 | 3 | 122 |
| Per cent illiterate..... | 0.2 | 0.6 | 0.3 | 0.2 | 0.5 | 0.4 | 0.5 | 0.3 | 0.1 | 0.6 |
| Foreign-born white..... | 733 | 4,892 | 1,928 | 841 | 1,433 | 3,047 | 982 | 30,503 | 594 | 5,781 |
| Number illiterate..... | 30 | 324 | 109 | 22 | 39 | 285 | 35 | 1,757 | 14 | 264 |
| Per cent illiterate..... | 4.1 | 6.6 | 5.7 | 2.6 | 2.6 | 9.7 | 3.6 | 5.7 | 2.4 | 4.6 |
| Negro..... | 25 | 85 | 4 | 3 | 7 | 12 | 12 | 874 | ..... | 23 |
| Number illiterate..... | 2 | 9 | 1 | ..... | ..... | ..... | 4.6 | ..... | 2 | ..... |
| Total 16 to 20 years, inclusive..... | 770 | 3,096 | 1,334 | 387 | 1,364 | 1,195 | 430 | 10,858 | 260 | 2,611 |
| Number illiterate..... | 6 | 17 | 3 | 2 | 1 | 7 | 4 | 45 | ..... | 8 |
| Per cent illiterate..... | 0.8 | 0.5 | 0.2 | 0.5 | 0.1 | 0.6 | 0.9 | 0.4 | ..... | 0.3 |
| Illiterate males 21 years of age and over..... | 78 | 367 | 77 | 60 | 162 | 210 | 65 | 1,291 | 11 | 305 |
| Per cent of all males 21 years of age and over..... | 2.6 | 3.1 | 1.6 | 3.2 | 2.9 | 3.9 | 2.5 | 2.4 | 0.9 | 2.7 |
| Native white..... | 10 | 67 | 13 | 3 | 35 | 19 | 11 | 132 | 1 | 66 |
| Foreign-born white..... | 19 | 231 | 62 | 17 | 30 | 165 | 26 | 971 | 8 | 181 |
| Negro..... | 1 | 5 | 1 | ..... | ..... | ..... | 17 | ..... | 1 | ..... |
| Illiterate females 21 years of age and over..... | 63 | 167 | 62 | 49 | 148 | 146 | 38 | 965 | 15 | 206 |
| Per cent of all females 21 years of age and over..... | 2.7 | 1.9 | 1.7 | 4.2 | 3.7 | 4.2 | 2.8 | 2.4 | 1.6 | 2.4 |
| Native white..... | 1 | 66 | 13 | 1 | 21 | 13 | 4 | 63 | 2 | 48 |
| Foreign-born white..... | 11 | 86 | 47 | 5 | 9 | 125 | 9 | 773 | 6 | 80 |
| Negro..... | 1 | 3 | ..... | ..... | ..... | ..... | 21 | ..... | 1 | ..... |
| DWELLINGS AND FAMILIES. | | | | | | | | | | |
| Dwellings, number..... | 2,387 | 8,452 | 3,624 | 1,259 | 4,482 | 3,573 | 1,541 | 32,233 | 1,008 | 7,956 |
| Families, number..... | 2,449 | 8,792 | 3,720 | 1,283 | 4,631 | 3,705 | 1,604 | 35,722 | 1,030 | 8,222 |

¹ Less than one-tenth of 1 per cent.

¹ Organized since 1910; see headnote to table.

POPULATION—WASHINGTON

TABLE 9.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR COUNTIES: 1920—Continued.
 [Per cent not shown where base is less than 100. For statistics of Indian, Chinese, and Japanese population, by counties, see supplemental table.]

| SUBJECT. | Skamania. | Snohomish. | Spokane. | Stevens. ¹ | Thurston. | Wahkiakum. | Walla Walla. | Whatcom. | Whitman. | Yakima. |
|--|-----------|------------|----------|-----------------------|-----------|------------|--------------|----------|----------|---------|
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | | |
| Total population..... | 2,357 | 67,690 | 141,289 | 21,605 | 22,366 | 3,472 | 27,539 | 50,600 | 31,328 | 63,710 |
| Male..... | 1,289 | 37,236 | 72,584 | 12,166 | 12,147 | 1,994 | 14,591 | 26,750 | 16,432 | 33,993 |
| Female..... | 1,068 | 30,454 | 68,705 | 9,439 | 10,219 | 1,478 | 12,948 | 23,850 | 14,861 | 29,717 |
| Native white..... | 1,952 | 52,057 | 117,735 | 18,061 | 18,965 | 2,414 | 24,307 | 39,333 | 28,586 | 54,768 |
| Male..... | 1,045 | 27,457 | 58,951 | 9,948 | 9,847 | 1,298 | 12,539 | 20,227 | 14,822 | 28,841 |
| Female..... | 907 | 24,600 | 55,784 | 8,113 | 9,018 | 1,116 | 11,763 | 19,106 | 13,764 | 25,922 |
| Native white—Native parentage..... | 1,412 | 31,103 | 78,818 | 13,200 | 13,849 | 1,079 | 18,755 | 24,231 | 22,516 | 42,026 |
| Native white—Foreign parentage..... | 314 | 12,672 | 22,209 | 2,599 | 2,587 | 919 | 3,196 | 8,775 | 3,364 | 6,714 |
| Native white—Mixed parentage..... | 226 | 8,282 | 16,708 | 2,282 | 2,429 | 416 | 2,356 | 6,327 | 2,766 | 6,023 |
| Foreign-born white..... | 323 | 14,569 | 22,247 | 2,883 | 3,020 | 1,030 | 2,899 | 10,504 | 2,682 | 6,160 |
| Male..... | 206 | 9,144 | 12,828 | 1,886 | 1,959 | 683 | 1,753 | 6,111 | 1,570 | 3,616 |
| Female..... | 117 | 5,425 | 9,419 | 997 | 1,061 | 356 | 1,141 | 4,393 | 1,112 | 2,584 |
| Negro..... | 1 | 191 | 776 | 13 | 15 | 6 | 107 | 52 | 52 | 52 |
| Male..... | 109 | 407 | 7 | 6 | 6 | 4 | 80 | 31 | 9 | 308 |
| Female..... | 82 | 369 | 6 | 9 | 2 | 2 | 27 | 21 | 5 | 223 |
| Indian, Chinese, Japanese, and all other (see Tables 1 and 7)..... | 82 | 876 | 531 | 648 | 466 | 18 | 226 | 711 | 41 | 2,268 |
| Per cent native white..... | 82.8 | 76.9 | 82.3 | 83.6 | 84.3 | 69.5 | 88.3 | 77.7 | 91.8 | 86.0 |
| Percent foreign-born white..... | 13.7 | 21.5 | 15.7 | 13.3 | 12.5 | 29.9 | 10.5 | 20.8 | 8.8 | 9.7 |
| Percent Negro..... | | 0.3 | 0.5 | 0.1 | 0.1 | 0.2 | 0.4 | 0.1 | (*) | 0.8 |
| 1910: Total population. | | | | | | | | | | |
| Native white..... | 2,887 | 58,206 | 139,404 | 25,297 | 17,581 | 3,285 | 31,931 | 49,511 | 33,280 | 41,708 |
| Foreign-born white..... | 2,224 | 44,313 | 110,685 | 20,078 | 14,223 | 1,905 | 27,442 | 38,157 | 23,832 | 34,068 |
| Negro..... | 583 | 13,560 | 26,828 | 4,335 | 2,780 | 1,095 | 3,836 | 10,307 | 3,837 | 5,073 |
| Per cent native white..... | 77.0 | 74.8 | 79.4 | 70.4 | 80.9 | 69.8 | 85.9 | 77.1 | 89.6 | 81.7 |
| Per cent foreign-born white..... | 20.2 | 22.9 | 19.2 | 17.1 | 15.8 | 33.3 | 12.0 | 20.8 | 10.0 | 12.2 |
| Per cent Negro..... | 0.1 | 0.4 | 0.8 | (*) | 0.1 | 0.1 | 0.5 | 0.1 | (*) | 0.8 |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | | |
| Total under 7 years of age..... | 348 | 9,076 | 16,815 | 3,293 | 2,974 | 542 | 2,606 | 6,924 | 4,929 | 9,371 |
| Total 7 to 13 years, inclusive..... | 266 | 9,149 | 17,673 | 3,238 | 3,102 | 523 | 3,749 | 6,986 | 4,595 | 9,185 |
| Number attending school..... | 360 | 8,681 | 17,242 | 2,956 | 2,894 | 487 | 3,552 | 6,679 | 4,476 | 8,652 |
| Per cent attending school..... | 95.4 | 94.9 | 97.6 | 91.3 | 93.3 | 93.1 | 94.7 | 95.6 | 97.4 | 91.2 |
| Total 14 and 15 years..... | 85 | 2,416 | 4,649 | 852 | 889 | 120 | 1,013 | 1,887 | 1,198 | 2,349 |
| Number attending school..... | 73 | 2,108 | 4,279 | 743 | 781 | 93 | 915 | 1,703 | 1,123 | 2,050 |
| Per cent attending school..... | | 87.3 | 92.0 | 87.2 | 86.9 | 77.5 | 90.3 | 97.7 | 87.3 | |
| Total 16 and 17 years..... | 70 | 2,277 | 4,711 | 818 | 818 | 92 | 1,008 | 1,895 | 1,155 | 2,212 |
| Number attending school..... | 38 | 1,110 | 2,897 | 410 | 457 | 29 | 629 | 1,053 | 789 | 1,181 |
| Per cent attending school..... | | 48.7 | 61.5 | 50.1 | 55.9 | 62.4 | 58.3 | 68.3 | 53.4 | |
| Total 18 to 20 years, inclusive..... | 107 | 3,290 | 7,035 | 1,058 | 1,050 | 148 | 1,435 | 2,508 | 1,600 | 3,131 |
| Number attending school..... | 21 | 622 | 1,982 | 131 | 246 | 18 | 518 | 879 | 337 | 637 |
| Per cent attending school..... | 19.8 | 18.9 | 27.5 | 17.1 | 23.4 | 10.8 | 36.1 | 23.1 | 32.3 | 20.3 |
| Males 21 years of age and over..... | 812 | 23,773 | 47,276 | 7,310 | 7,635 | 1,284 | 9,136 | 16,570 | 9,646 | 20,724 |
| Native white—Native parentage..... | 420 | 9,234 | 23,230 | 3,890 | 4,065 | 304 | 5,652 | 6,950 | 5,413 | 12,480 |
| Native white—Foreign or mixed parentage..... | 180 | 5,530 | 11,356 | 1,482 | 1,460 | 320 | 1,598 | 3,884 | 1,764 | 3,970 |
| Foreign-born white..... | 197 | 8,598 | 12,039 | 1,751 | 1,838 | 652 | 1,624 | 5,523 | 1,435 | 8,300 |
| Naturalized..... | 114 | 4,379 | 7,575 | 1,128 | 996 | 357 | 957 | 3,382 | 897 | 1,908 |
| First papers..... | 32 | 1,746 | 2,035 | 263 | 338 | 160 | 239 | 945 | 218 | 441 |
| Alien..... | 41 | 1,667 | 2,115 | 281 | 349 | 106 | 320 | 906 | 206 | 611 |
| Unknown..... | 10 | 306 | 314 | 79 | 152 | 29 | 103 | 290 | 114 | 340 |
| Negro..... | | 77 | 303 | 5 | 4 | 1 | 70 | 25 | 8 | 217 |
| Indian, Chinese, Japanese, and all other..... | 15 | 334 | 348 | 182 | 259 | 7 | 192 | 188 | 26 | 757 |
| Females 21 years of age and over..... | 569 | 17,703 | 43,130 | 5,030 | 5,887 | 763 | 7,532 | 13,920 | 8,140 | 16,738 |
| Native white—Native parentage..... | 326 | 7,560 | 22,150 | 2,909 | 3,552 | 220 | 5,039 | 6,238 | 5,573 | 10,285 |
| Native white—Foreign or mixed parentage..... | 114 | 4,977 | 12,108 | 1,046 | 1,259 | 212 | 1,471 | 3,644 | 1,566 | 3,542 |
| Foreign-born white..... | 110 | 4,937 | 8,536 | 885 | 966 | 327 | 907 | 3,870 | 991 | 2,178 |
| Naturalized..... | 86 | 3,459 | 6,130 | 685 | 639 | 218 | 657 | 2,659 | 697 | 1,430 |
| First papers..... | 96 | 157 | 9 | 9 | 5 | 23 | 57 | 16 | 32 | |
| Alien..... | 41 | 1,667 | 2,115 | 281 | 349 | 106 | 320 | 906 | 206 | |
| Unknown..... | 10 | 306 | 314 | 79 | 152 | 29 | 103 | 290 | 114 | |
| Negro..... | | 58 | 262 | 4 | 3 | 1 | 17 | 15 | 5 | 149 |
| Indian, Chinese, Japanese, and all other..... | 19 | 177 | 74 | 186 | 77 | 3 | 8 | 149 | 5 | 583 |
| Males 18 to 44 years, inclusive..... | 505 | 15,999 | 30,652 | 4,632 | 4,943 | 888 | 6,036 | 10,473 | 6,752 | 14,044 |
| Females 18 to 44 years, inclusive..... | 393 | 12,711 | 31,448 | 3,635 | 4,188 | 578 | 5,511 | 9,675 | 6,164 | 12,648 |
| ILLITERACY. | | | | | | | | | | |
| Total 10 years of age and over..... | 1,853 | 54,574 | 116,630 | 16,888 | 18,040 | 2,698 | 22,302 | 40,667 | 24,379 | 50,244 |
| Number illiterate..... | 19 | 965 | 1,214 | 382 | 370 | 53 | 315 | 573 | 308 | 943 |
| Per cent illiterate..... | 1.0 | 1.8 | 1.0 | 2.3 | 2.1 | 2.1 | 1.4 | 1.4 | 1.3 | 1.9 |
| Per cent illiterate in 1910..... | 4.0 | 2.1 | 1.3 | 3.1 | 3.1 | 2.8 | 2.3 | 1.6 | 1.0 | 3.4 |
| Native white..... | 1,480 | 39,461 | 93,681 | 13,576 | 14,677 | 1,647 | 19,145 | 29,957 | 21,722 | 42,161 |
| Number illiterate..... | 1 | 132 | 338 | 40 | 49 | 3 | 44 | 73 | 69 | 182 |
| Per cent illiterate..... | 0.1 | 0.3 | 0.4 | 0.3 | 0.3 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 |
| Foreign-born white..... | 316 | 14,286 | 21,820 | 2,794 | 2,966 | 1,035 | 2,846 | 10,181 | 2,608 | 5,953 |
| Number illiterate..... | 11 | 892 | 774 | 150 | 142 | 54 | 251 | 393 | 230 | 326 |
| Per cent illiterate..... | 3.5 | 4.8 | 3.5 | 5.4 | 4.8 | 5.2 | 3.8 | 3.9 | 8.8 | 5.5 |
| Negro..... | | 156 | 673 | 11 | 13 | 6 | 94 | 48 | 13 | 36 |
| Number illiterate..... | 3 | 23 | 3 | 23 | 3 | 4 | 3 | 3 | 1 | 8.1 |
| Per cent illiterate..... | 1.9 | 3.9 | | | | | | | | |
| Total 16 to 20 years, inclusive..... | 177 | 5,567 | 11,746 | 1,877 | 1,868 | 240 | 2,443 | 4,313 | 2,815 | 5,343 |
| Number illiterate..... | 21 | 77 | 5 | 14 | 14 | 7 | 10 | 7 | 7 | 28 |
| Per cent illiterate..... | 0.4 | 0.7 | 0.3 | 0.7 | 0.7 | 0.3 | 0.2 | 0.2 | 0.2 | 0.5 |
| Illiterate males 21 years of age and over..... | 11 | 513 | 572 | 194 | 260 | 35 | 158 | 243 | 146 | 449 |
| Per cent of all males 21 years of age and over..... | 1.4 | 2.2 | 1.2 | 2.7 | 3.4 | 2.7 | 1.7 | 1.5 | 1.5 | 2.2 |
| Native white..... | 6 | 64 | 135 | 22 | 24 | 2 | 26 | 34 | 40 | 101 |
| Foreign-born white..... | | 395 | 368 | 89 | 104 | 32 | 114 | 160 | 167 | |
| Negro..... | | 2 | 8 | 2 | 2 | 3 | 1 | 1 | 1 | 18 |
| Illiterate females 21 years of age and over..... | 7 | 422 | 516 | 177 | 92 | 23 | 147 | 302 | 151 | 448 |
| Per cent of all females 21 years of age and over..... | 1.2 | 2.4 | 1.2 | 3.5 | 1.6 | 3.0 | 2.0 | 2.2 | 1.9 | 2.7 |
| Native white..... | 5 | 53 | 58 | 13 | 22 | 1 | 11 | 26 | 19 | 60 |
| Foreign-born white..... | | 292 | 400 | 61 | 84 | 22 | 134 | 224 | 130 | 151 |
| Negro..... | | 1 | 18 | | | | 1 | 2 | | 18 |
| DWELLINGS AND FAMILIES. | | | | | | | | | | |
| Dwellings, number..... | 633 | 15,932 | 30,961 | 5,266 | 5,342 | 845 | 6,215 | 12,206 | 7,344 | 14,444 |
| Families, number..... | 634 | 17,248 | 35,973 | 5,409 | 5,641 | 856 | 6,692 | 12,973 | 7,615 | 15,539 |

1 See headnote to table.

2 Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

35

TABLE 10.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR CITIES OF 10,000 OR MORE: 1920.
[Per cent not shown where base is less than 100.]

| SUBJECT. | CITIES OF 25,000 OR MORE. | | | | | CITIES OF 10,000 TO 25,000. | | | | |
|---|---------------------------|----------|----------|----------|---------|-----------------------------|----------|------------|--------------|----------------------|
| | Bellingham. | Everett. | Seattle. | Spokane. | Tacoma. | Aberdeen. | Hoquiam. | Vancouver. | Walla Walla. | Yakima. ¹ |
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | | |
| Total population..... | 25,585 | 27,644 | 315,312 | 104,427 | 96,965 | 15,337 | 10,053 | 12,637 | 15,503 | 18,539 |
| Male..... | 13,288 | 14,624 | 167,801 | 52,329 | 51,601 | 8,678 | 5,723 | 6,783 | 8,132 | 9,632 |
| Female..... | 12,297 | 13,020 | 147,711 | 52,108 | 45,364 | 6,659 | 4,335 | 5,849 | 7,371 | 8,907 |
| Native white..... | 20,136 | 21,647 | 228,705 | 86,554 | 73,993 | 11,006 | 7,500 | 11,149 | 13,454 | 16,184 |
| Male..... | 10,137 | 11,054 | 115,500 | 42,243 | 38,024 | 5,781 | 4,065 | 5,936 | 6,855 | 8,266 |
| Female..... | 9,999 | 10,593 | 113,205 | 44,311 | 35,969 | 5,225 | 3,495 | 5,213 | 6,599 | 7,918 |
| Native white—Native parentage..... | 12,667 | 13,038 | 135,701 | 51,324 | 44,657 | 6,674 | 4,752 | 8,245 | 10,126 | 12,364 |
| Native white—Foreign parentage..... | 4,272 | 5,270 | 54,378 | 16,566 | 18,689 | 2,894 | 1,784 | 1,533 | 1,937 | 1,939 |
| Native white—Mixed parentage..... | 3,197 | 3,339 | 84,326 | 12,664 | 10,647 | 1,438 | 1,024 | 1,371 | 1,391 | 1,881 |
| Foreign-born white..... | 5,328 | 5,741 | 73,875 | 16,826 | 20,563 | 4,221 | 2,436 | 1,403 | 1,804 | 1,848 |
| Male..... | 3,052 | 3,404 | 43,779 | 9,403 | 12,042 | 2,814 | 1,615 | 787 | 1,063 | 1,038 |
| Female..... | 2,246 | 2,337 | 30,096 | 7,363 | 8,521 | 1,407 | 821 | 616 | 736 | 805 |
| Negro..... | 40 | 150 | 2,894 | 727 | 898 | 6 | 20 | 100 | 263 | 263 |
| Male..... | 21 | 70 | 1,671 | 382 | 488 | 4 | 11 | 74 | 155 | 155 |
| Female..... | 19 | 71 | 1,223 | 345 | 410 | 21 | 9 | 26 | 108 | 108 |
| Indian, Chinese, Japanese, and all other (see Table 7)..... | 81 | 106 | 9,838 | 330 | 1,511 | 53 | 56 | 65 | 145 | 249 |
| Per cent native white..... | 78.7 | 78.3 | 72.5 | 82.9 | 76.3 | 71.8 | 75.2 | 88.2 | 86.8 | 87.3 |
| Per cent foreign-born white..... | 20.8 | 20.8 | 23.4 | 16.1 | 21.2 | 27.5 | 24.2 | 11.1 | 11.8 | 9.9 |
| Per cent Negro..... | 0.2 | 0.5 | 0.9 | 0.7 | 0.9 | 0.4 | 0.1 | 0.2 | 0.6 | 1.4 |
| 1910: Total population..... | 24,298 | 24,814 | 237,194 | 104,402 | 83,743 | 13,680 | 8,171 | 9,300 | 19,364 | 14,082 |
| Native white..... | 18,858 | 19,050 | 166,918 | 81,851 | 60,358 | 8,440 | 5,643 | 7,974 | 16,533 | 11,696 |
| Foreign-born white..... | 5,152 | 5,472 | 60,835 | 21,220 | 21,463 | 5,154 | 2,407 | 1,129 | 2,301 | 2,027 |
| Negro..... | 44 | 185 | 2,296 | 723 | 778 | 45 | 9 | 34 | 114 | 176 |
| Per cent native white..... | 77.6 | 76.8 | 70.4 | 78.4 | 72.1 | 61.8 | 69.1 | 85.7 | 85.4 | 83.1 |
| Per cent foreign-born white..... | 21.2 | 22.1 | 25.6 | 20.3 | 25.6 | 37.7 | 29.5 | 12.1 | 12.2 | 14.4 |
| Per cent Negro..... | 0.2 | 0.7 | 1.0 | 0.7 | 0.9 | 0.3 | 0.1 | 0.4 | 0.6 | 1.2 |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | | |
| Total under 7 years of age..... | 3,187 | 3,349 | 34,079 | 11,965 | 11,338 | 2,096 | 1,418 | 1,533 | 1,852 | 2,251 |
| Total 7 to 13 years, inclusive..... | 3,100 | 3,375 | 30,543 | 12,481 | 10,920 | 1,905 | 1,303 | 1,535 | 1,985 | 2,217 |
| Number attending school..... | 2,969 | 3,223 | 28,688 | 12,229 | 10,247 | 1,832 | 1,268 | 1,461 | 1,913 | 2,040 |
| Per cent attending school..... | 95.8 | 95.5 | 93.9 | 98.0 | 93.8 | 97.2 | 97.3 | 95.2 | 90.4 | 92.0 |
| Total 14 and 15 years..... | 850 | 967 | 7,884 | 3,231 | 2,985 | 413 | 307 | 383 | 529 | 610 |
| Number attending school..... | 775 | 870 | 6,742 | 2,983 | 2,478 | 359 | 260 | 338 | 479 | 531 |
| Per cent attending school..... | 90.5 | 90.0 | 87.7 | 92.3 | 86.5 | 86.9 | 84.7 | 88.3 | 90.5 | 87.0 |
| Total 16 and 17 years..... | 856 | 951 | 8,140 | 3,330 | 2,860 | 415 | 309 | 440 | 536 | 622 |
| Number attending school..... | 495 | 491 | 4,496 | 2,040 | 1,396 | 210 | 151 | 230 | 314 | 346 |
| Per cent attending school..... | 57.8 | 51.6 | 55.2 | 61.3 | 48.8 | 50.8 | 48.9 | 52.3 | 53.6 | 55.6 |
| Total 18 to 20 years, inclusive..... | 1,285 | 1,396 | 14,252 | 5,202 | 4,593 | 623 | 711 | 861 | 934 | 934 |
| Number attending school..... | 304 | 238 | 2,270 | 1,431 | 1,833 | 126 | 114 | 330 | 179 | 179 |
| Per cent attending school..... | 23.7 | 17.0 | 22.9 | 27.5 | 18.1 | 20.2 | 18.0 | 16.0 | 38.3 | 19.2 |
| Males 21 years of age and over..... | 8,664 | 9,577 | 120,668 | 34,829 | 35,490 | 5,976 | 3,794 | 4,496 | 5,257 | 6,435 |
| Native white—Native parentage..... | 3,701 | 3,910 | 46,813 | 16,930 | 15,219 | 2,210 | 1,579 | 2,662 | 3,140 | 3,888 |
| Native white—Foreign or mixed parentage..... | 1,993 | 2,370 | 25,770 | 8,371 | 7,800 | 1,018 | 653 | 1,034 | 965 | 1,335 |
| Foreign-born white..... | 2,833 | 3,169 | 40,727 | 8,837 | 11,270 | 2,675 | 1,520 | 745 | 973 | 902 |
| Naturalized..... | 1,671 | 1,866 | 20,075 | 5,555 | 6,259 | 1,003 | 611 | 468 | 584 | 554 |
| First papers..... | 569 | 649 | 9,188 | 1,503 | 2,346 | 772 | 516 | 117 | 117 | 86 |
| Alien..... | 445 | 544 | 9,333 | 1,576 | 1,886 | 791 | 349 | 87 | 199 | 230 |
| Unknown..... | 149 | 110 | 2,133 | 143 | 779 | 109 | 44 | 73 | 73 | 92 |
| Negro..... | 15 | 52 | 1,389 | 280 | 391 | 28 | 4 | 9 | 64 | 116 |
| Females 21 years of age and over..... | 7,637 | 8,029 | 99,946 | 33,599 | 28,899 | 3,909 | 2,465 | 3,539 | 4,483 | 5,470 |
| Native white—Native parentage..... | 3,551 | 3,467 | 42,173 | 17,006 | 12,456 | 1,736 | 1,129 | 2,086 | 2,890 | 3,338 |
| Native white—Foreign or mixed parentage..... | 2,053 | 2,389 | 27,059 | 9,654 | 8,071 | 887 | 587 | 890 | 937 | 1,263 |
| Foreign-born white..... | 1,984 | 2,109 | 28,813 | 6,646 | 7,807 | 1,285 | 737 | 549 | 633 | 701 |
| Naturalized..... | 1,361 | 1,454 | 15,757 | 4,692 | 5,151 | 647 | 420 | 387 | 424 | 431 |
| First papers..... | 34 | 43 | 564 | 136 | 124 | 25 | 8 | 5 | 15 | 8 |
| Alien..... | 485 | 505 | 8,399 | 1,651 | 2,005 | 537 | 284 | 98 | 150 | 165 |
| Unknown..... | 114 | 107 | 2,098 | 167 | 527 | 76 | 19 | 59 | 44 | 97 |
| Negro..... | 13 | 49 | 942 | 244 | 291 | 17 | 1 | 6 | 16 | 76 |
| Males 18 to 44 years, inclusive..... | 5,620 | 6,603 | 86,490 | 22,665 | 23,458 | 4,435 | 2,813 | 3,152 | 3,495 | 4,420 |
| Females 18 to 44 years, inclusive..... | 5,430 | 5,908 | 76,309 | 24,784 | 21,090 | 3,263 | 2,655 | 2,681 | 3,287 | 4,150 |
| ILLITERACY. | | | | | | | | | | |
| Total 10 years of age and over..... | 21,056 | 22,759 | 267,361 | 86,917 | 80,721 | 12,333 | 8,072 | 10,452 | 12,830 | 15,294 |
| Number illiterate..... | 230 | 273 | 4,061 | 687 | 1,405 | 285 | 232 | 54 | 186 | 184 |
| Per cent illiterate..... | 1.1 | 1.2 | 1.5 | 0.8 | 1.7 | 2.3 | 2.9 | 0.5 | 1.4 | 1.1 |
| Per cent illiterate in 1910..... | 1.1 | 1.6 | 1.1 | 1.3 | 1.8 | 1.1 | 3.8 | 1.0 | 2.2 | 1.2 |
| Native white..... | 15,789 | 16,926 | 184,801 | 69,523 | 58,455 | 8,087 | 5,616 | 9,005 | 10,843 | 13,081 |
| Number illiterate..... | 28 | 40 | 253 | 73 | 127 | 19 | 18 | 22 | 38 | 38 |
| Per cent illiterate..... | 0.2 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.1 | 0.2 | 0.3 |
| Foreign-born white..... | 5,173 | 5,618 | 71,988 | 16,488 | 20,234 | 4,164 | 2,402 | 1,368 | 1,762 | 1,791 |
| Number illiterate..... | 199 | 212 | 2,808 | 550 | 1,183 | 249 | 206 | 27 | 150 | 102 |
| Per cent illiterate..... | 3.8 | 3.8 | 3.6 | 3.3 | 5.8 | 6.0 | 8.6 | 2.0 | 8.5 | 5.7 |
| Negro..... | 36 | 116 | 2,622 | 626 | 790 | 53 | 5 | 19 | 87 | 295 |
| Number illiterate..... | 2 | 3 | 49 | 20 | 34 | 5 | 1 | 4 | 8 | 3 |
| Per cent illiterate..... | 2.6 | 1.9 | 3.2 | 4.3 | | | | | | 3.6 |
| Total 16 to 20 years, inclusive..... | 2,141 | 2,347 | 22,392 | 8,532 | 7,453 | 1,038 | 771 | 1,151 | 1,397 | 1,556 |
| Number illiterate..... | 4 | 6 | 103 | 9 | 28 | 2 | 1 | 1 | 4 | 4 |
| Per cent illiterate..... | 0.2 | 0.3 | 0.5 | 0.1 | 0.4 | 0.2 | 0.1 | 0.1 | 0.3 | 0.3 |
| Illiterate males 21 years of age and over..... | 88 | 141 | 2,185 | 307 | 767 | 174 | 126 | 29 | 86 | 80 |
| Per cent of all males 21 years of age and over..... | 1.0 | 1.5 | 1.8 | 0.9 | 2.2 | 2.9 | 3.3 | 0.6 | 1.6 | 1.2 |
| Native white..... | 11 | 20 | 123 | 30 | 76 | 6 | 7 | 4 | 14 | 20 |
| Foreign-born white..... | 77 | 110 | 1,427 | 231 | 642 | 152 | 113 | 11 | 60 | 49 |
| Negro..... | 2 | 2 | 30 | 5 | 14 | 4 | 1 | 1 | 3 | 2 |
| Illiterate females 21 years of age and over..... | 184 | 124 | 1,729 | 364 | 598 | 108 | 103 | 23 | 93 | 76 |
| Per cent of all females 21 years of age and over..... | 1.8 | 1.5 | 1.7 | 1.1 | 2.1 | 2.8 | 4.2 | 0.6 | 2.2 | 1.4 |
| Native white..... | 10 | 16 | 79 | 31 | 26 | 12 | 9 | 6 | 7 | 15 |
| Foreign-born white..... | 121 | 100 | 1,141 | 316 | 532 | 95 | 92 | 16 | 90 | 49 |
| Negro..... | 2 | 1 | 19 | 15 | 18 | 1 | | 1 | 1 | 6 |
| DWELLINGS AND FAMILIES. | | | | | | | | | | |
| Dwellings, number..... | 6,009 | 6,149 | 60,516 | 22,389 | 21,512 | 3,232 | 2,113 | 2,787 | 3,320 | 3,850 |
| Families, number..... | 6,640 | 7,169 | 80,048 | 27,178 | 24,682 | 3,783 | 2,370 | 3,146 | 3,687 | 4,150 |

¹ Name changed from North Yakima since 1910.

POPULATION—WASHINGTON.

TABLE 11.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR PLACES OF 2,500 TO 10,000: 1920.

| SUBJECT. | Anacortes. | Auburn. | Bremerton. | Centralia. | Charleston. | Chehalis. | Cle Elum. | Colfax. | Dayton. | Ellensburg. | Hill-yard. | Medical Lake. | |
|---|---------------|----------|------------|---------------|----------------|-----------|-----------|---------|---------|----------------|------------|---------------|------------|
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | | | | | |
| Total population..... | 5,284 | 3,163 | 8,918 | 7,549 | 8,338 | 4,558 | 2,661 | 3,027 | 2,695 | 3,987 | 8,942 | 2,545 | |
| Male..... | 2,830 | 1,687 | 5,150 | 3,919 | 1,728 | 2,361 | 1,508 | 1,527 | 1,333 | 2,032 | 2,111 | 1,482 | |
| Female..... | 2,454 | 1,476 | 3,768 | 3,630 | 1,610 | 2,197 | 1,153 | 1,500 | 1,362 | 1,935 | 1,831 | 1,083 | |
| Native white—Native parentage..... | 3,076 | 1,985 | 5,122 | 5,500 | 2,136 | 3,000 | 688 | 2,118 | 2,304 | 2,639 | 2,177 | 1,358 | |
| Native white—Foreign or mixed parentage..... | 1,293 | 723 | 2,385 | 1,371 | 814 | 998 | 1,038 | 576 | 286 | 801 | 1,105 | 600 | |
| Foreign-born white..... | 810 | 388 | 1,160 | 658 | 350 | 552 | 907 | 324 | 101 | 394 | 645 | 666 | |
| Negro..... | 6 | 2 | 114 | 13 | 26 | 7 | 28 | 2 | 2 | 88 | 16 | 16 | |
| Indian, Chinese, Japanese, and all other..... | 99 | 65 | 157 | 7 | 12 | 1 | ----- | 7 | 2 | 45 | 15 | 5 | |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | | | | | |
| Total under 7 years of age..... | 698 | 483 | 953 | 907 | 579 | 648 | 481 | 360 | 360 | 537 | 619 | 121 | |
| Total 7 to 13 years, inclusive..... | 739 | 386 | 737 | 987 | 383 | 605 | 428 | 388 | 384 | 510 | 500 | 265 | |
| Number attending school..... | 719 | 379 | 699 | 940 | 369 | 592 | 355 | 383 | 377 | 503 | 494 | 217 | |
| Total 14 and 15 years..... | 193 | 91 | 194 | 222 | 74 | 161 | 96 | 97 | 104 | 120 | 113 | 79 | |
| Number attending school..... | 166 | 78 | 171 | 203 | 72 | 150 | 77 | 90 | 96 | 114 | 106 | 82 | |
| Total 16 to 20 years, inclusive..... | 446 | 232 | 720 | 589 | 228 | 379 | 194 | 293 | 251 | 290 | 284 | 266 | |
| Number attending school..... | 141 | 92 | 136 | 197 | 59 | 139 | 45 | 136 | 102 | 133 | 100 | 122 | |
| Males 21 years of age and over..... | 1,808 | 1,109 | 3,839 | 2,583 | 1,103 | 1,484 | 919 | 972 | 793 | 1,297 | 1,316 | 1,084 | |
| Native white—Native parentage..... | 922 | 637 | 1,941 | 1,761 | 649 | 876 | 177 | 668 | 642 | 781 | 654 | 470 | |
| Native white—Foreign or mixed parentage..... | 371 | 234 | 1,017 | 455 | 263 | 293 | 171 | 155 | 94 | 242 | 331 | 200 | |
| Foreign-born white..... | 455 | 218 | 706 | 349 | 172 | 313 | 562 | 148 | 55 | 217 | 326 | 405 | |
| Naturalized..... | 280 | 115 | 525 | 180 | 143 | 154 | 248 | 82 | 41 | 148 | 192 | 164 | |
| Negro..... | 2 | 1 | 68 | 5 | 11 | 2 | 9 | 2 | 1 | 30 | ----- | 5 | |
| Females 21 years of age and over..... | 1,400 | 862 | 2,475 | 2,261 | 971 | 1,281 | 563 | 917 | 803 | 1,213 | 1,110 | 730 | |
| Native white—Native parentage..... | 781 | 463 | 1,318 | 1,541 | 533 | 801 | 160 | 623 | 660 | 755 | 518 | 402 | |
| Native white—Foreign or mixed parentage..... | 321 | 244 | 728 | 454 | 273 | 279 | 144 | 170 | 99 | 267 | 344 | 172 | |
| Foreign-born white..... | 283 | 139 | 388 | 261 | 156 | 199 | 264 | 123 | 42 | 157 | 244 | 145 | |
| Naturalized..... | 208 | 91 | 322 | 170 | 184 | 137 | 142 | 71 | 36 | 116 | 185 | 81 | |
| Negro..... | 2 | 1 | 28 | 4 | 8 | 2 | 5 | ----- | 1 | 30 | ----- | 10 | |
| ILLITERACY. | | | | | | | | | | | | | |
| Total 10 years of age and over..... | 4,256 | 2,501 | 7,644 | 6,203 | 2,588 | 3,645 | 2,017 | 2,493 | 2,166 | 3,210 | 3,080 | 2,825 | |
| Number illiterate..... | 44 | 17 | 13 | 56 | 13 | 15 | 329 | 50 | 16 | 28 | 79 | 263 | |
| Native whites 10 years of age and over..... | 3,374 | 2,088 | 6,244 | 5,543 | 2,210 | 3,101 | 1,108 | 2,180 | 2,061 | 2,716 | 2,450 | 1,741 | |
| Number illiterate..... | 23 | 6 | 11 | 10 | 4 | 6 | 3 | 13 | 10 | 5 | 211 | 211 | |
| Foreign-born whites 10 years of age and over..... | 783 | 375 | 1,146 | 644 | 345 | 538 | 890 | 305 | 101 | 386 | 621 | 563 | |
| Number illiterate..... | 19 | 5 | 5 | 45 | 1 | 11 | 323 | 46 | 3 | 13 | 69 | 49 | |
| Illiterate males 21 years of age and over..... | 25 | 8 | 6 | 39 | 6 | 11 | 205 | 26 | 2 | 15 | 47 | 114 | |
| Illiterate females 21 years of age and over..... | 19 | 5 | 11 | 7 | 4 | 122 | 24 | 14 | 12 | 32 | 49 | 49 | |
| DWELLINGS AND FAMILIES. | | | | | | | | | | | | | |
| Dwellings, number..... | 1,376 | 749 | 1,934 | 1,854 | 890 | 1,010 | 605 | 654 | 681 | 987 | 935 | 158 | |
| Families, number..... | 1,433 | 818 | 2,294 | 1,983 | 934 | 1,132 | 640 | 745 | 710 | 1,177 | 1,003 | 172 | |
| SUBJECT. | Mount Vernon. | Olympia. | Pasco. | Port Angeles. | Port Townsend. | Puyallup. | Raymond. | Renton. | Roslyn. | Sedro-Woolley. | Snohomish. | Toppenish. | Wenatchee. |
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | | | | | |
| Total population..... | 3,341 | 7,795 | 3,362 | 5,351 | 2,847 | 6,323 | 4,260 | 3,301 | 2,673 | 3,389 | 2,985 | 3,120 | 6,224 |
| Male..... | 1,665 | 3,940 | 1,847 | 2,938 | 1,679 | 3,196 | 2,395 | 1,758 | 1,508 | 1,885 | 1,549 | 1,755 | 3,263 |
| Female..... | 1,676 | 3,855 | 1,515 | 2,413 | 1,168 | 3,127 | 1,885 | 1,543 | 1,185 | 1,504 | 1,436 | 1,385 | 3,056 |
| Native white—Native parentage..... | 2,113 | 5,147 | 2,241 | 2,784 | 1,334 | 4,012 | 2,308 | 992 | 526 | 1,856 | 1,736 | 2,275 | 4,636 |
| Native white—Foreign or mixed parentage..... | 800 | 1,710 | 659 | 1,330 | 847 | 1,470 | 1,053 | 1,295 | 1,069 | 765 | 801 | 520 | 1,118 |
| Foreign-born white..... | 420 | 832 | 287 | 1,057 | 606 | 821 | 893 | 1,014 | 959 | 747 | 429 | 219 | 507 |
| Negro..... | 6 | 5 | 19 | 87 | 4 | 4 | 2 | ----- | 119 | 7 | 9 | 30 | 31 |
| Indian, Chinese, Japanese, and all other..... | 2 | 101 | 156 | 93 | 56 | 16 | 4 | ----- | 14 | 10 | 76 | 34 | 34 |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | | | | | |
| Total under 7 years of age..... | 454 | 897 | 514 | 728 | 300 | 749 | 564 | 475 | 450 | 362 | 410 | 395 | 841 |
| Total 7 to 13 years, inclusive..... | 393 | 937 | 394 | 602 | 299 | 874 | 578 | 482 | 426 | 349 | 406 | 440 | 777 |
| Number attending school..... | 378 | 881 | 377 | 569 | 280 | 847 | 557 | 477 | 408 | 338 | 388 | 429 | 626 |
| Total 14 and 15 years..... | 105 | 251 | 89 | 164 | 81 | 272 | 109 | 116 | 109 | 73 | 121 | 100 | 199 |
| Number attending school..... | 99 | 227 | 83 | 142 | 73 | 234 | 93 | 101 | 91 | 67 | 100 | 81 | 185 |
| Total 16 to 20 years, inclusive..... | 268 | 624 | 258 | 422 | 219 | 403 | 340 | 241 | 227 | 211 | 247 | 284 | 533 |
| Number attending school..... | 117 | 234 | 92 | 129 | 66 | 176 | 100 | 48 | 51 | 80 | 91 | 58 | 212 |
| Males 21 years of age and over..... | 1,103 | 2,605 | 1,236 | 1,994 | 1,210 | 1,997 | 1,611 | 1,101 | 880 | 1,393 | 934 | 1,118 | 2,148 |
| Native white—Native parentage..... | 658 | 1,550 | 684 | 833 | 546 | 1,143 | 747 | 292 | 126 | 623 | 475 | 770 | 1,457 |
| Native white—Foreign or mixed parentage..... | 209 | 550 | 263 | 428 | 286 | 447 | 268 | 274 | 156 | 287 | 222 | 180 | 372 |
| Foreign-born white..... | 229 | 454 | 180 | 621 | 364 | 401 | 593 | 535 | 541 | 472 | 229 | 127 | 296 |
| Naturalized..... | 159 | 309 | 75 | 319 | 293 | 274 | 240 | 284 | 271 | 112 | 160 | 73 | 154 |
| Negro..... | 5 | 2 | 12 | 30 | ----- | 3 | 1 | ----- | 57 | 2 | 5 | 15 | 7 |
| Females 21 years of age and over..... | 1,018 | 2,431 | 871 | 1,443 | 738 | 1,938 | 1,058 | 886 | 581 | 1,001 | 867 | 774 | 1,826 |
| Native white—Native parentage..... | 559 | 1,523 | 559 | 700 | 304 | 1,141 | 584 | 215 | 122 | 514 | 446 | 545 | 1,273 |
| Native white—Foreign or mixed parentage..... | 290 | 598 | 203 | 384 | 206 | 441 | 245 | 280 | 112 | 243 | 242 | 131 | 359 |
| Foreign-born white..... | 168 | 341 | 88 | 342 | 219 | 351 | 249 | 301 | 318 | 238 | 174 | 71 | 176 |
| Naturalized..... | 141 | 242 | 52 | 230 | 179 | 274 | 132 | 241 | 201 | 96 | 142 | 50 | 117 |
| Negro..... | 1 | 1 | 4 | 29 | 1 | ----- | ----- | ----- | 29 | 4 | 3 | 10 | 8 |
| ILLITERACY. | | | | | | | | | | | | | |
| Total 10 years of age and over..... | 2,717 | 6,486 | 2,680 | 4,351 | 2,417 | 5,180 | 3,438 | 2,611 | 2,045 | 2,867 | 2,396 | 2,525 | 5,145 |
| Number illiterate..... | 2 | 40 | 12 | 53 | 52 | 27 | 205 | 41 | 89 | 59 | 14 | 36 | 47 |
| Native whites 10 years of age and over..... | 2,301 | 5,688 | 2,218 | 3,177 | 1,759 | 4,373 | 2,548 | 1,614 | 1,007 | 2,116 | 1,961 | 2,218 | 4,692 |
| Number illiterate..... | 2 | 8 | 6 | 8 | 3 | 15 | 15 | 3 | 8 | 18 | 4 | 7 | 12 |
| Foreign-born whites 10 years of age and over..... | 408 | 814 | 287 | 1,021 | 603 | 794 | 885 | 997 | 938 | 732 | 417 | 215 | 500 |
| Number illiterate..... | 20 | 5 | 33 | 42 | 10 | 190 | 38 | 76 | 38 | 10 | 17 | 21 | 21 |
| Illiterate males 21 years of age and over..... | 1 | 19 | 4 | 30 | 25 | 10 | 118 | 17 | 28 | 42 | 7 | 21 | 30 |
| Illiterate females 21 years of age and over..... | 1 | 19 | 6 | 19 | 25 | 15 | 81 | 24 | 55 | 15 | 7 | 13 | 17 |
| DWELLINGS AND FAMILIES. | | | | | | | | | | | | | |
| Dwellings, number..... | 797 | 1,881 | 742 | 1,455 | 724 | 1,524 | 994 | 809 | 620 | 627 | 755 | 666 | 1,350 |
| Families, number..... | 868 | 2,136 | 815 | 1,503 | 752 | 1,649 | 1,077 | 862 | 624 | 658 | 789 | 803 | 1,596 |

COMPOSITION AND CHARACTERISTICS.

37

TABLE 12.—COUNTRY OF BIRTH OF THE FOREIGN-BORN WHITE, FOR COUNTIES AND FOR CITIES OF 10,000 OR MORE: 1920.

| COUNTY OR CITY. | Total foreign-born white. | COUNTRY OF BIRTH. | | | | | | | | | | | | | | | | | | | | All other countries. | |
|-------------------|---------------------------|-------------------|----------------|---------------|----------|----------|----------|---------|----------|---------|----------|--------|--------------|--------------|---------|---------|---------|-----------|---------|--------------|--------|----------------------|-----|
| | | Austria. | Canada—French. | Canada—Other. | Denmark. | England. | Finland. | France. | Germany. | Greece. | Ireland. | Italy. | Jugo-Slavia. | Netherlands. | Norway. | Poland. | Russia. | Scotland. | Sweden. | Switzerland. | Wales. | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| COUNTIES. | | | | | | | | | | | | | | | | | | | | | | | |
| The state..... | 250,055 | 6,494 | 2,581 | 40,407 | 8,359 | 20,806 | 11,863 | 2,452 | 22,315 | 4,214 | 8,927 | 10,813 | 3,565 | 3,087 | 30,304 | 3,906 | 11,124 | 7,886 | 34,793 | 3,671 | 2,040 | 10,438 | |
| Adams..... | 1,827 | 16 | 3 | 100 | 11 | 34 | 3 | 10 | 290 | 24 | 23 | 34 | 2 | 19 | 13 | 1,099 | 28 | 40 | 12 | 2 | 5 | 66 | |
| Asotin..... | 411 | 18 | 4 | 79 | 18 | 30 | 5 | 8 | 84 | 27 | 18 | 2 | 2 | 51 | 13 | 50 | 10 | 10 | 5 | 51 | 51 | 51 | |
| Benton..... | 1,131 | 15 | 16 | 226 | 90 | 89 | 19 | 14 | 153 | 27 | 37 | 31 | 6 | 5 | 119 | 10 | 10 | 43 | 139 | 22 | 2 | 84 | |
| Chelan..... | 1,777 | 42 | 13 | 547 | 44 | 176 | 11 | 14 | 224 | 42 | 60 | 82 | 12 | 23 | 119 | 5 | 68 | 61 | 123 | 17 | 10 | 104 | |
| Chilliwack..... | 2,148 | 29 | 16 | 409 | 84 | 205 | 121 | 18 | 220 | 34 | 68 | 93 | 10 | 6 | 226 | 22 | 78 | 51 | 312 | 35 | 7 | 104 | |
| Clarke..... | 4,362 | 91 | 58 | 588 | 180 | 306 | 375 | 38 | 662 | 108 | 167 | 84 | 6 | 40 | 299 | 78 | 144 | 109 | 598 | 186 | 20 | 227 | |
| Columbia..... | 260 | 9 | 2 | 56 | 29 | 24 | 6 | 42 | 1 | 13 | 5 | 1 | 1 | 1 | 14 | 4 | 4 | 4 | 19 | 5 | 6 | 54 | |
| Cowlitz..... | 1,668 | 32 | 15 | 188 | 49 | 76 | 462 | 14 | 188 | 10 | 37 | 66 | 9 | 41 | 117 | 22 | 49 | 14 | 197 | 42 | 6 | 52 | |
| Douglas..... | 858 | 7 | 1 | 139 | 115 | 63 | 1 | 8 | 202 | 7 | 19 | 11 | 2 | 36 | 1 | 93 | 18 | 55 | 17 | 3 | 3 | 32 | |
| Ferry..... | 636 | 15 | 11 | 146 | 19 | 48 | 13 | 13 | 69 | 1 | 27 | 30 | 10 | 1 | 30 | 15 | 8 | 117 | 2 | 2 | 17 | 17 | |
| Franklin..... | 537 | 15 | 11 | 66 | 8 | 38 | 18 | 1 | 90 | 31 | 37 | 20 | 2 | 21 | 2 | 41 | 29 | 28 | 16 | 4 | 1 | 64 | |
| Garfield..... | 179 | 1 | 3 | 19 | 10 | 18 | 1 | 1 | 63 | 1 | 6 | 13 | 1 | 1 | 8 | 2 | 4 | 16 | 7 | 1 | 39 | 39 | |
| Grant..... | 1,119 | 21 | 10 | 117 | 45 | 65 | 1 | 17 | 126 | 15 | 28 | 18 | 5 | 6 | 61 | 4 | 377 | 32 | 102 | 15 | 15 | 11 | 534 |
| Grays Harbor..... | 10,650 | 356 | 122 | 1,261 | 164 | 454 | 2,259 | 76 | 565 | 530 | 181 | 273 | 658 | 32 | 872 | 424 | 283 | 146 | 1,412 | 97 | 11 | 1 | 17 |
| Island..... | 1,260 | 8 | 10 | 142 | 43 | 74 | 54 | 3 | 132 | 21 | 6 | 1 | 283 | 234 | 1 | 6 | 18 | 186 | 9 | 2 | 1 | 17 | |
| Jefferson..... | 1,433 | 21 | 12 | 180 | 51 | 106 | 50 | 17 | 155 | 2 | 78 | 48 | 11 | 11 | 236 | 11 | 30 | 53 | 247 | 18 | 13 | 83 | |
| King..... | 91,207 | 2,044 | 772 | 15,570 | 2,914 | 9,375 | 3,436 | 928 | 6,080 | 1,522 | 3,978 | 4,550 | 867 | 728 | 10,896 | 1,182 | 3,645 | 3,757 | 12,842 | 815 | 1,025 | 4,381 | |
| Kitsap..... | 6,687 | 68 | 46 | 769 | 213 | 497 | 531 | 65 | 397 | 35 | 198 | 86 | 54 | 11 | 1,906 | 30 | 86 | 184 | 1,198 | 78 | 43 | 212 | |
| Kittitas..... | 3,952 | 665 | 10 | 309 | 120 | 557 | 52 | 36 | 206 | 33 | 74 | 783 | 245 | 15 | 109 | 43 | 110 | 191 | 146 | 36 | 41 | 171 | |
| Klickitat..... | 741 | 8 | 6 | 96 | 38 | 78 | 74 | 7 | 137 | 14 | 38 | 2 | 2 | 13 | 38 | 12 | 5 | 20 | 83 | 37 | 1 | 32 | |
| Lewis..... | 4,981 | 420 | 27 | 632 | 196 | 284 | 534 | 54 | 655 | 235 | 138 | 160 | 26 | 31 | 204 | 307 | 161 | 76 | 472 | 165 | 18 | 186 | |
| Lincoln..... | 1,957 | 38 | 10 | 210 | 89 | 106 | 13 | 31 | 469 | 23 | 72 | 16 | 1 | 7 | 49 | 30 | 464 | 49 | 124 | 24 | 31 | 96 | |
| Mason..... | 857 | 17 | 8 | 159 | 44 | 86 | 97 | 13 | 66 | 31 | 2 | 29 | 6 | 100 | 11 | 3 | 17 | 146 | 8 | 1 | 13 | 13 | |
| Okanogan..... | 1,520 | 29 | 31 | 394 | 60 | 146 | 18 | 12 | 237 | 13 | 68 | 39 | 20 | 11 | 110 | 18 | 25 | 139 | 27 | 19 | 4 | 49 | |
| Pacific..... | 3,076 | 50 | 24 | 271 | 74 | 103 | 791 | 9 | 199 | 132 | 32 | 100 | 23 | 16 | 302 | 173 | 140 | 41 | 313 | 133 | 18 | 132 | |
| Pend Oreille..... | 998 | 16 | 17 | 209 | 21 | 70 | 25 | 13 | 92 | 14 | 19 | 16 | 36 | 4 | 119 | 19 | 13 | 13 | 206 | 19 | 1 | 56 | |
| Pierce..... | 31,040 | 1,006 | 241 | 3,897 | 986 | 2,419 | 839 | 272 | 2,714 | 450 | 1,077 | 1,707 | 811 | 102 | 5,036 | 756 | 926 | 872 | 4,480 | 619 | 314 | 1,426 | |
| San Juan..... | 600 | 8 | 10 | 168 | 18 | 74 | 21 | 52 | 52 | 25 | 17 | 5 | 3 | 72 | 4 | 20 | 24 | 63 | 7 | 7 | 19 | | |
| Skagit..... | 5,877 | 165 | 85 | 972 | 202 | 316 | 309 | 36 | 364 | 123 | 165 | 170 | 100 | 48 | 940 | 33 | 94 | 109 | 1,385 | 80 | 19 | 162 | |
| Skamania..... | 323 | 12 | 5 | 32 | 13 | 17 | 15 | 4 | 39 | 24 | 4 | 18 | 4 | 47 | 12 | 2 | 2 | 40 | 27 | 2 | 4 | | |
| Snohomish..... | 14,569 | 200 | 226 | 2,399 | 447 | 782 | 562 | 109 | 1,182 | 274 | 347 | 285 | 71 | 314 | 3,215 | 163 | 209 | 271 | 2,809 | 181 | 69 | 394 | |
| Spokane..... | 22,247 | 373 | 181 | 4,013 | 677 | 1,996 | 205 | 247 | 3,089 | 184 | 939 | 1,216 | 149 | 236 | 1,941 | 248 | 671 | 717 | 3,317 | 325 | 180 | 743 | |
| Stevens..... | 2,883 | 109 | 30 | 575 | 72 | 165 | 138 | 12 | 419 | 9 | 98 | 161 | 78 | 32 | 200 | 30 | 39 | 64 | 415 | 104 | 19 | 114 | |
| Thurston..... | 3,020 | 58 | 48 | 570 | 131 | 287 | 375 | 38 | 381 | 77 | 110 | 100 | 28 | 26 | 179 | 40 | 37 | 80 | 312 | 57 | 22 | 114 | |
| Wahkiakum..... | 1,039 | 59 | 10 | 35 | 21 | 22 | 257 | 8 | 35 | 2 | 27 | 12 | 42 | 1 | 278 | 8 | 17 | 10 | 158 | 10 | 2 | 25 | |
| Walla Walla..... | 2,899 | 40 | 37 | 360 | 85 | 186 | 8 | 94 | 426 | 27 | 138 | 301 | 9 | 26 | 73 | 23 | 715 | 74 | 103 | 63 | 9 | 102 | |
| Whatcom..... | 10,504 | 179 | 69 | 2,298 | 706 | 754 | 126 | 46 | 815 | 77 | 261 | 120 | 194 | 886 | 1,607 | 95 | 226 | 227 | 1,651 | 152 | 32 | 183 | |
| Whatman..... | 2,682 | 56 | 16 | 352 | 69 | 143 | 8 | 30 | 491 | 48 | 95 | 14 | 17 | 32 | 108 | 20 | 798 | 58 | 132 | 108 | 19 | 68 | |
| Yakima..... | 6,150 | 93 | 365 | 1,276 | 193 | 537 | 56 | 116 | 615 | 65 | 173 | 139 | 24 | 291 | 313 | 35 | 526 | 344 | 568 | 86 | 32 | 313 | |
| CITIES. | | | | | | | | | | | | | | | | | | | | | | | |
| Aberdeen..... | 4,221 | 92 | 39 | 429 | 64 | 140 | 1,211 | 42 | 155 | 80 | 66 | 143 | 422 | 9 | 333 | 191 | 87 | 54 | 439 | 22 | 7 | 196 | |
| Bellingham..... | 5,328 | 107 | 39 | 1,212 | 197 | 442 | 57 | 26 | 376 | 73 | 164 | 84 | 48 | 42 | 948 | 53 | 181 | 141 | 815 | 47 | 24 | 112 | |
| Everett..... | 5,741 | 70 | 120 | 1,119 | 167 | 357 | 193 | 39 | 404 | 125 | 155 | 101 | 11 | 170 | 1,270 | 71 | 59 | 124 | 973 | 43 | 17 | 163 | |
| Hoquiam..... | 2,436 | 83 | 23 | 369 | 34 | 123 | 461 | 5 | 115 | 129 | 30 | 41 | 57 | 6 | 202 | 98 | 28 | 32 | 505 | 9 | 3 | 83 | |
| Seattle..... | 73,875 | 1,412 | 630 | 13,224 | 2,228 | 7,794 | 2,256 | 717 | 4,827 | 1,399 | 3,455 | 3,094 | 664 | 525 | 9,118 | 881 | 3,348 | 3,105 | 10,253 | 542 | 673 | 3,650 | |
| Spokane..... | 16,826 | 288 | 144 | 3,692 | 477 | 1,613 | 157 | 179 | 1,992 | 107 | 717 | 922 | 113 | 183 | 1,533 | 154 | 508 | 570 | 2,580 | 211 | 134 | 552 | |
| Tacoma..... | 20,563 | 552 | 163 | 2,825 | 706 | 1,085 | 378 | 153 | 1,637 | 359 | 801 | 1,150 | 437 | 66 | 3,550 | 376 | 744 | 655 | 2,904 | 276 | 138 | 988 | |
| Vancouver..... | 1,403 | 35 | 45 | 291 | 53 | 139 | 33 | 19 | 202 | 15 | 90 | 19 | 1 | 21 | 79 | 13 | 48 | 53 | 143 | 25 | 8 | 71 | |
| Walla Walla..... | 1,804 | 16 | 33 | 247 | 36 | 128 | 3 | 72 | 241 | 11 | 91 | 33 | 9 | 18 | 33 | 12 | 596 | 51 | 66 | 40 | 7 | 63 | |
| Yakima..... | 1,843 | 32 | 91 | 440 | 57 | 218 | 5 | 38 | 177 | 43 | 63 | 51 | 9 | 37 | 78 | 12 | 98 | 106 | 128 | 24 | 15 | 121 | |

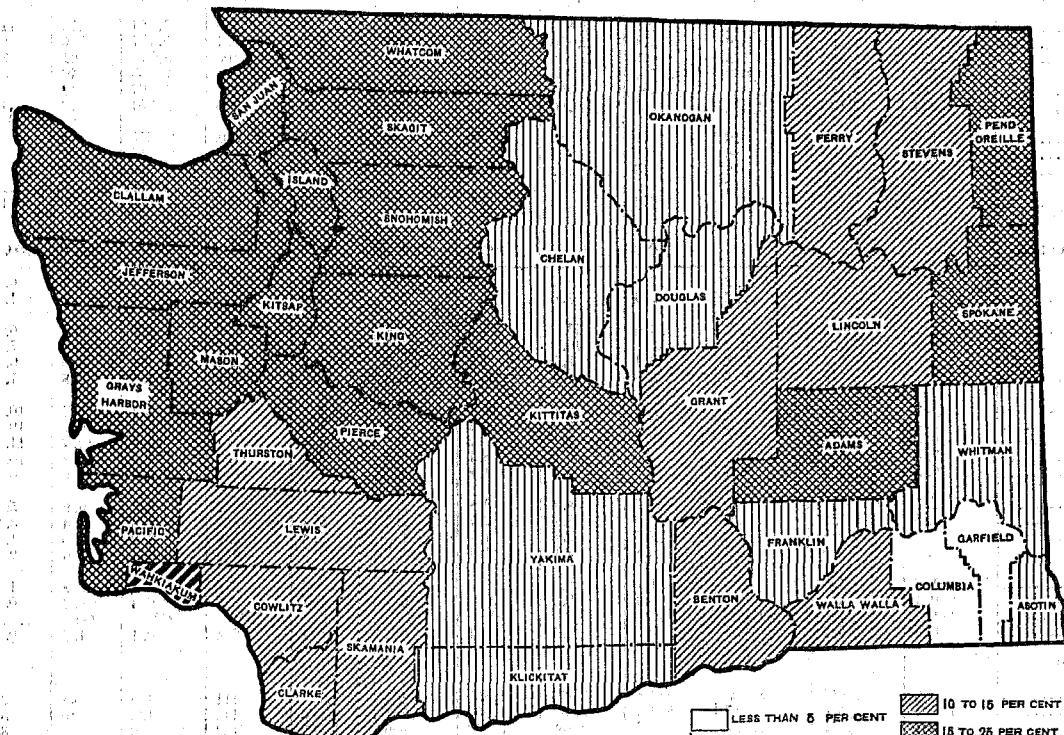
POPULATION—WASHINGTON

TABLE 13.—COMPOSITION AND CHARACTERISTICS OF THE POPULATION, FOR WARDS OF TACOMA:¹ 1920.

| SUBJECT. | THE CITY. | WARD. | | | | | | | |
|--|-----------|-------|--------|--------|--------|--------|-------|-------|-------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| COLOR OR RACE, NATIVITY, AND SEX. | | | | | | | | | |
| Total population..... | 96,965 | 9,485 | 11,250 | 15,832 | 17,531 | 18,366 | 9,184 | 8,326 | 7,011 |
| Male..... | 51,601 | 4,672 | 5,592 | 10,045 | 9,323 | 9,362 | 4,894 | 4,202 | 3,511 |
| Female..... | 45,364 | 4,813 | 5,658 | 5,787 | 8,208 | 9,004 | 4,270 | 4,124 | 3,500 |
| Native white..... | 73,993 | 7,510 | 9,338 | 10,297 | 13,462 | 14,169 | 7,011 | 6,654 | 5,552 |
| Male..... | 38,024 | 3,527 | 4,529 | 6,186 | 6,976 | 7,142 | 3,638 | 3,819 | 2,707 |
| Female..... | 35,969 | 3,983 | 4,809 | 4,111 | 6,488 | 7,027 | 3,373 | 3,335 | 2,845 |
| Native white—Native parentage..... | 44,657 | 4,730 | 6,306 | 6,353 | 7,773 | 7,900 | 4,130 | 4,054 | 3,411 |
| Native white—Foreign parentage..... | 18,688 | 1,648 | 1,676 | 2,739 | 3,729 | 4,192 | 1,788 | 1,559 | 1,384 |
| Native white—Mixed parentage..... | 10,647 | 1,132 | 1,356 | 1,205 | 1,960 | 2,077 | 1,095 | 1,041 | 781 |
| Foreign-born white..... | 20,563 | 1,827 | 1,793 | 4,212 | 3,666 | 3,984 | 2,074 | 1,600 | 1,407 |
| Male..... | 12,042 | 1,021 | 986 | 2,996 | 2,095 | 2,119 | 1,213 | 844 | 768 |
| Female..... | 8,521 | 806 | 807 | 1,216 | 1,571 | 1,865 | 861 | 756 | 639 |
| Negro..... | 898 | 19 | 44 | 291 | 225 | 174 | 50 | 69 | 26 |
| Male..... | 488 | 8 | 28 | 166 | 139 | 82 | 28 | 36 | 16 |
| Female..... | 410 | 11 | 16 | 135 | 88 | 92 | 27 | 33 | 10 |
| Indian, Chinese, Japanese, and all other..... | 1,511 | 129 | 75 | 1,032 | 178 | 39 | 29 | 3 | 26 |
| AGE, SCHOOL ATTENDANCE, AND CITIZENSHIP. | | | | | | | | | |
| Total under 7 years of age..... | 11,333 | 1,076 | 654 | 1,255 | 2,334 | 2,580 | 1,288 | 1,095 | 1,076 |
| Total 7 to 13 years, inclusive..... | 10,920 | 1,072 | 744 | 1,117 | 2,300 | 2,490 | 1,288 | 1,021 | 898 |
| Number attending school..... | 10,247 | 997 | 690 | 1,066 | 2,195 | 2,396 | 1,217 | 987 | 789 |
| Total 14 and 15 years..... | 2,865 | 290 | 239 | 287 | 634 | 683 | 286 | 240 | 206 |
| Number attending school..... | 2,478 | 257 | 222 | 245 | 527 | 573 | 241 | 235 | 178 |
| Total 16 and 17 years..... | 2,860 | 273 | 285 | 351 | 592 | 628 | 282 | 252 | 197 |
| Number attending school..... | 1,396 | 186 | 178 | 150 | 226 | 232 | 115 | 142 | 117 |
| Total 18 to 20 years, inclusive..... | 4,593 | 406 | 581 | 676 | 851 | 984 | 398 | 401 | 316 |
| Number attending school..... | 838 | 137 | 152 | 80 | 127 | 125 | 49 | 92 | 71 |
| Males 21 years of age and over..... | 35,490 | 3,147 | 4,439 | 8,191 | 6,021 | 5,737 | 3,184 | 2,648 | 2,173 |
| Native white—Native parentage..... | 15,219 | 1,392 | 2,429 | 3,320 | 2,417 | 2,204 | 1,302 | 1,200 | 955 |
| Native white—Foreign or mixed parentage..... | 7,800 | 690 | 1,022 | 1,327 | 1,436 | 1,494 | 702 | 650 | 479 |
| Foreign-born white..... | 11,270 | 966 | 927 | 2,887 | 1,966 | 1,966 | 1,101 | 765 | 712 |
| Naturalized..... | 6,259 | 565 | 571 | 1,159 | 1,157 | 1,297 | 611 | 478 | 421 |
| Negro..... | 391 | 5 | 25 | 131 | 113 | 84 | 14 | 30 | 9 |
| Females 21 years of age and over..... | 28,809 | 3,221 | 4,308 | 3,955 | 4,799 | 5,834 | 2,488 | 2,649 | 2,145 |
| Native white—Native parentage..... | 12,456 | 1,556 | 2,285 | 1,500 | 1,892 | 2,066 | 1,032 | 1,184 | 961 |
| Native white—Foreign or mixed parentage..... | 8,071 | 891 | 1,262 | 1,027 | 1,381 | 1,518 | 682 | 745 | 585 |
| Foreign-born white..... | 7,807 | 753 | 752 | 1,120 | 1,436 | 1,688 | 775 | 694 | 588 |
| Naturalized..... | 5,151 | 481 | 490 | 648 | 991 | 1,209 | 500 | 462 | 370 |
| Negro..... | 291 | 8 | 14 | 98 | 65 | 57 | 14 | 26 | 9 |
| Males 18 to 44 years, inclusive..... | 23,458 | 2,044 | 2,923 | 5,034 | 4,099 | 3,905 | 2,101 | 1,836 | 1,516 |
| Females 18 to 44 years, inclusive..... | 21,090 | 2,220 | 3,082 | 2,916 | 3,613 | 3,868 | 1,893 | 1,876 | 1,617 |
| ILLITERACY. | | | | | | | | | |
| Total 10 years of age and over..... | 80,721 | 7,905 | 10,270 | 14,067 | 14,144 | 14,726 | 7,289 | 6,778 | 5,542 |
| Number illiterate..... | 1,405 | 140 | 55 | 521 | 194 | 170 | 126 | 71 | 128 |
| Native white..... | 58,455 | 5,968 | 8,393 | 8,804 | 10,189 | 10,689 | 5,190 | 5,151 | 4,121 |
| Number illiterate..... | 127 | 12 | 10 | 41 | 17 | 21 | 12 | 7 | 7 |
| Foreign-born white..... | 20,234 | 1,802 | 1,769 | 4,166 | 3,608 | 3,918 | 2,035 | 1,561 | 1,377 |
| Number illiterate..... | 1,183 | 117 | 36 | 428 | 170 | 137 | 114 | 82 | 121 |
| Negro..... | 790 | 17 | 44 | 258 | 199 | 149 | 39 | 63 | 21 |
| Number illiterate..... | 34 | 8 | 12 | 7 | 6 | 6 | 1 | 1 | 1 |
| Total 16 to 20 years, inclusive..... | 7,453 | 679 | 866 | 1,027 | 1,443 | 1,592 | 680 | 653 | 513 |
| Number illiterate..... | 28 | 2 | 1 | 12 | 6 | 2 | 3 | 2 | 2 |
| Illiterate males 21 years of age and over..... | 767 | 73 | 40 | 343 | 92 | 61 | 63 | 37 | 58 |
| Native white..... | 76 | 7 | 9 | 35 | 6 | 9 | 3 | 6 | 1 |
| Foreign-born white..... | 642 | 59 | 26 | 280 | 82 | 48 | 60 | 30 | 57 |
| Negro..... | 14 | 4 | 5 | 4 | 1 | 1 | 1 | 1 | 1 |
| Illiterate females 21 years of age and over..... | 598 | 64 | 13 | 165 | 94 | 104 | 59 | 33 | 66 |
| Native white..... | 26 | 3 | 3 | 3 | 3 | 8 | 6 | 3 | 3 |
| Foreign-born white..... | 532 | 58 | 10 | 139 | 88 | 89 | 53 | 32 | 63 |
| Negro..... | 18 | 3 | 7 | 3 | 4 | 4 | 1 | 1 | 1 |
| DWELLINGS AND FAMILIES. | | | | | | | | | |
| Dwellings, number..... | 21,512 | 2,338 | 1,847 | 2,492 | 4,134 | 4,543 | 2,255 | 2,111 | 1,792 |
| Families, number..... | 24,662 | 2,505 | 3,073 | 3,545 | 4,393 | 4,772 | 2,343 | 2,198 | 1,833 |
| COUNTRY OF BIRTH OF FOREIGN-BORN WHITE. | | | | | | | | | |
| Austria..... | 552 | 69 | 28 | 93 | 109 | 77 | 87 | 19 | 70 |
| Canada—French..... | 153 | 5 | 12 | 33 | 42 | 24 | 19 | 7 | 11 |
| Canada—Other..... | 2,825 | 342 | 451 | 407 | 400 | 458 | 294 | 277 | 198 |
| Czechoslovakia..... | 275 | 6 | 6 | 35 | 94 | 76 | 38 | 8 | 12 |
| Denmark..... | 706 | 41 | 65 | 131 | 118 | 148 | 71 | 69 | 63 |
| England..... | 1,685 | 165 | 297 | 219 | 164 | 300 | 220 | 143 | 177 |
| Finland..... | 378 | 39 | 24 | 111 | 45 | 81 | 22 | 17 | 39 |
| France..... | 153 | 19 | 23 | 31 | 31 | 25 | 13 | 6 | 5 |
| Germany..... | 1,637 | 102 | 136 | 281 | 363 | 395 | 205 | 111 | 64 |
| Greece..... | 359 | 10 | 44 | 201 | 28 | 43 | 46 | 16 | 1 |
| Hungary..... | 114 | 6 | 9 | 9 | 37 | 30 | 23 | 1 | 1 |
| Ireland..... | 801 | 95 | 70 | 197 | 132 | 188 | 65 | 45 | 39 |
| Italy..... | 1,150 | 11 | 14 | 535 | 226 | 119 | 159 | 72 | 14 |
| Jugo-Slavia..... | 437 | 250 | 3 | 63 | 24 | 24 | 35 | 1 | 37 |
| Lithuania..... | 107 | 1 | 1 | 4 | 73 | 16 | 8 | 1 | 3 |
| Norway..... | 3,550 | 234 | 190 | 655 | 760 | 843 | 246 | 268 | 364 |
| Poland..... | 276 | 11 | 13 | 64 | 166 | 57 | 53 | 5 | 7 |
| Russia..... | 744 | 31 | 54 | 126 | 99 | 332 | 66 | 31 | 5 |
| Scotland..... | 685 | 77 | 96 | 107 | 100 | 102 | 71 | 72 | 60 |
| Sweden..... | 2,904 | 250 | 171 | 635 | 491 | 578 | 240 | 377 | 162 |
| Switzerland..... | 276 | 4 | 14 | 44 | 76 | 62 | 45 | 8 | 23 |
| Wales..... | 138 | 16 | 18 | 28 | 18 | 13 | 7 | 23 | 15 |
| All other countries..... | 558 | 43 | 54 | 223 | 80 | 55 | 41 | 24 | 38 |

¹ Seattle and Spokane cities (population 315,312 and 104,437, respectively, in 1920) not reported by wards.

PER CENT OF FOREIGN-BORN WHITE IN TOTAL POPULATION, BY COUNTIES: 1920.



LESS THAN 5 PER CENT 10 TO 15 PER CENT
5 TO 10 PER CENT 15 TO 25 PER CENT
25 TO 35 PER CENT

(39)

POPULATION—WASHINGTON.

TABLE 14.—AGE, BY QUINQUENNIAL PERIODS, WITH SINGLE YEARS FOR PERSONS UNDER 25, FOR THE STATE: 1920.

| AGE, | ALL CLASSES: 1920 | | NATIVE WHITE: 1920 | | | | | | | FOREIGN-BORN WHITE: 1920 | | NEGRO: 1920 | | INDIAN, CHINESE, JAPANESE, AND ALL OTHER: 1920 | | |
|-------------------------|----------------------|---------|----------------------|---------|-----------------------|---------|---------------------|---------|---------|-----------------------------|-------|-------------|--------|---|-------|---------|
| | | | Native parentage. | | Foreign parentage. | | Mixed parentage. | | | | | | | | | |
| | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. | Male. | Female. |
| All ages, number.... | 734,701 | 621,920 | 374,555 | 337,151 | 111,145 | 103,473 | 72,875 | 70,523 | 153,118 | 98,937 | 3,957 | 2,926 | 19,051 | 10,910 | | |
| Under 5 years..... | 64,486 | 61,948 | 42,024 | 40,726 | 10,253 | 9,811 | 9,142 | 8,452 | 700 | 699 | 210 | 189 | 2,157 | 2,071 | 2,071 | 514 |
| Under 1 year..... | 12,564 | 12,105 | 8,274 | 8,051 | 1,831 | 1,719 | 1,875 | 1,712 | 55 | 73 | 39 | 36 | 490 | 490 | | |
| 5 to 9 years..... | 64,927 | 63,331 | 39,956 | 39,204 | 12,528 | 12,112 | 9,050 | 8,730 | 1,908 | 1,887 | 222 | 198 | 1,263 | 1,220 | | |
| 10 to 14 years..... | 59,269 | 58,284 | 35,596 | 35,026 | 11,526 | 11,366 | 8,527 | 8,313 | 2,071 | 2,031 | 208 | 186 | 763 | 740 | | |
| 15 to 19 years..... | 53,516 | 52,969 | 30,425 | 30,591 | 10,241 | 10,145 | 7,737 | 7,759 | 3,699 | 3,639 | 184 | 199 | 1,230 | 638 | | |
| 20 to 24 years..... | 56,369 | 54,645 | 30,375 | 29,914 | 10,680 | 10,764 | 6,798 | 7,229 | 6,078 | 5,271 | 308 | 231 | 1,530 | 1,236 | | |
| 25 to 29 years..... | 63,105 | 57,226 | 30,578 | 29,411 | 11,086 | 11,267 | 6,491 | 6,805 | 13,212 | 8,038 | 385 | 307 | 1,443 | 1,398 | | |
| 30 to 34 years..... | 65,966 | 53,480 | 29,605 | 26,458 | 9,322 | 9,227 | 5,423 | 5,742 | 18,804 | 10,802 | 393 | 315 | 2,419 | 1,936 | | |
| 35 to 39 years..... | 67,495 | 50,092 | 23,716 | 24,399 | 8,239 | 7,460 | 5,054 | 4,948 | 21,560 | 12,214 | 502 | 337 | 2,424 | 734 | | |
| 40 to 44 years..... | 54,460 | 41,345 | 24,115 | 19,769 | 6,662 | 5,877 | 4,030 | 3,889 | 17,247 | 10,961 | 427 | 297 | 1,979 | 552 | | |
| 45 to 49 years..... | 48,008 | 33,756 | 20,995 | 16,025 | 6,174 | 4,935 | 3,270 | 2,816 | 15,882 | 9,408 | 396 | 202 | 1,291 | 370 | | |
| 50 to 54 years..... | 40,831 | 28,620 | 17,489 | 13,032 | 4,918 | 3,903 | 2,530 | 2,084 | 14,779 | 9,181 | 273 | 163 | 842 | 257 | | |
| 55 to 59 years..... | 32,931 | 22,122 | 13,436 | 10,222 | 3,813 | 2,775 | 1,792 | 1,457 | 13,139 | 7,401 | 175 | 114 | 576 | 153 | | |
| 60 to 64 years..... | 25,083 | 17,269 | 11,316 | 8,274 | 2,876 | 1,997 | 1,344 | 997 | 9,001 | 5,777 | 100 | 55 | 446 | 189 | | |
| 65 to 69 years..... | 16,198 | 11,100 | 7,476 | 5,820 | 1,638 | 1,004 | 785 | 576 | 6,100 | 3,773 | 61 | 33 | 238 | 94 | | |
| 70 to 74 years..... | 9,569 | 7,078 | 4,650 | 3,762 | 665 | 420 | 427 | 345 | 3,664 | 2,453 | 40 | 30 | 123 | 78 | | |
| 75 to 79 years..... | 5,289 | 4,487 | 2,494 | 2,380 | 301 | 198 | 238 | 188 | 2,167 | 1,597 | 19 | 20 | 70 | 84 | | |
| 80 to 84 years..... | 2,344 | 2,049 | 1,178 | 1,055 | 106 | 78 | 108 | 83 | 886 | 751 | 12 | 13 | 54 | 69 | | |
| 85 to 89 years..... | 843 | 783 | 416 | 402 | 50 | 30 | 39 | 28 | 308 | 275 | 4 | 2 | 26 | 26 | | |
| 90 to 94 years..... | 214 | 193 | 86 | 100 | 14 | 8 | 8 | 8 | 88 | 67 | 1 | 2 | 17 | 13 | | |
| 95 to 99 years..... | 43 | 37 | 15 | 13 | 1 | 2 | 1 | 1 | 16 | 10 | 1 | 1 | 9 | 11 | | |
| 100 years and over..... | 16 | 8 | 3 | 2 | 1 | 1 | 1 | 1 | 4 | 4 | 11 | 7 | 7 | 6 | | |
| Age unknown..... | 3,649 | 1,138 | 2,611 | 776 | 152 | 100 | 79 | 72 | 605 | 122 | 58 | 11 | 144 | 57 | | |
| All ages, per cent.... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Under 5 years..... | 8.8 | 10.0 | 11.2 | 12.1 | 9.2 | 9.5 | 12.5 | 12.0 | 0.5 | 0.7 | 5.3 | 6.5 | 11.3 | 19.0 | | |
| Under 1 year..... | 1.7 | 1.9 | 2.2 | 2.4 | 1.6 | 1.7 | 2.6 | 2.4 | (1) | 0.1 | 1.0 | 1.2 | 2.6 | 4.7 | | |
| 5 to 9 years..... | 8.8 | 10.2 | 10.7 | 11.6 | 11.3 | 11.7 | 12.4 | 12.4 | 1.2 | 1.9 | 5.6 | 6.8 | 6.6 | 11.2 | | |
| 10 to 14 years..... | 8.1 | 9.4 | 9.5 | 10.4 | 10.4 | 11.0 | 11.7 | 11.8 | 1.7 | 2.7 | 4.7 | 7.1 | 4.0 | 0.8 | | |
| 15 to 19 years..... | 7.3 | 8.5 | 8.1 | 9.1 | 9.2 | 9.8 | 10.6 | 11.0 | 2.4 | 3.8 | 4.6 | 6.8 | 6.5 | 5.8 | | |
| 20 to 24 years..... | 7.7 | 8.8 | 8.1 | 8.9 | 9.6 | 10.4 | 9.3 | 10.3 | 4.4 | 5.4 | 7.8 | 7.9 | 8.0 | 11.3 | | |
| 25 to 29 years..... | 8.6 | 9.2 | 8.2 | 8.7 | 10.0 | 10.9 | 8.9 | 9.6 | 8.6 | 8.3 | 9.7 | 10.5 | 7.6 | 12.8 | | |
| 30 to 34 years..... | 9.0 | 8.6 | 7.9 | 7.8 | 8.4 | 8.9 | 7.4 | 8.1 | 12.3 | 11.1 | 9.9 | 10.8 | 12.7 | 8.6 | | |
| 35 to 39 years..... | 9.2 | 8.1 | 7.9 | 7.2 | 7.4 | 7.2 | 6.9 | 7.0 | 14.1 | 12.6 | 12.7 | 11.5 | 12.7 | 6.7 | | |
| 40 to 44 years..... | 7.4 | 6.6 | 6.4 | 5.9 | 6.0 | 5.7 | 5.5 | 5.5 | 11.3 | 11.3 | 10.8 | 10.2 | 10.4 | 5.1 | | |
| 45 to 49 years..... | 6.5 | 5.4 | 5.6 | 4.8 | 5.6 | 4.8 | 4.5 | 4.0 | 10.4 | 9.7 | 10.0 | 6.9 | 6.8 | 3.4 | | |
| 50 to 54 years..... | 5.6 | 4.6 | 4.7 | 3.9 | 4.4 | 3.8 | 3.5 | 3.0 | 9.7 | 9.5 | 6.9 | 5.6 | 4.4 | 2.4 | | |
| 55 to 59 years..... | 4.5 | 3.6 | 3.6 | 3.0 | 3.4 | 2.7 | 2.5 | 2.1 | 8.8 | 7.6 | 4.4 | 3.9 | 3.0 | 1.4 | | |
| 60 to 64 years..... | 3.4 | 2.8 | 3.0 | 2.5 | 2.6 | 1.9 | 1.8 | 1.4 | 5.9 | 6.0 | 2.5 | 1.9 | 2.3 | 1.5 | | |
| 65 to 74 years..... | 3.5 | 2.9 | 3.2 | 2.8 | 2.0 | 1.4 | 1.7 | 1.3 | 6.4 | 6.4 | 2.6 | 2.2 | 1.9 | 1.6 | | |
| 75 to 84 years..... | 1.0 | 1.0 | 1.0 | 1.0 | 0.4 | 0.3 | 0.5 | 0.4 | 2.0 | 2.4 | 0.8 | 1.1 | 0.7 | 1.4 | | |
| 85 to 94 years..... | 0.1 | 0.2 | 0.1 | 0.1 | (1) | 0.1 | (1) | (1) | 0.1 | 0.1 | 0.4 | 0.1 | 0.1 | 0.2 | | |
| 95 years and over..... | (1) | (1) | (1) | (1) | 0.7 | 0.2 | 0.1 | 0.1 | (1) | (1) | 0.4 | 0.1 | 0.1 | 0.2 | | |
| Age unknown..... | 0.5 | 0.2 | | | | | | | 0.1 | 0.1 | 1.5 | 0.4 | 0.8 | 0.5 | | |
| Year of age (1-24). | | | | | | | | | | | | | | | | |
| 1 year..... | 18,040 | 12,658 | 8,700 | 8,500 | 1,873 | 1,850 | 1,824 | 1,725 | 111 | 125 | 48 | 39 | 484 | 419 | | |
| 2 years..... | 12,731 | 12,336 | 8,317 | 8,162 | 2,044 | 1,909 | 1,761 | 1,686 | 145 | 132 | 40 | 37 | 424 | 410 | | |
| 3 years..... | 13,001 | 12,452 | 8,389 | 8,107 | 2,189 | 2,062 | 1,826 | 1,700 | 157 | 150 | 36 | 33 | 424 | 400 | | |
| 4 years..... | 13,150 | 12,397 | 8,364 | 7,906 | 2,316 | 2,271 | 1,856 | 1,629 | 232 | 219 | 47 | 44 | 335 | 328 | | |
| 5 years..... | 13,053 | 12,796 | 8,162 | 7,970 | 2,407 | 2,457 | 1,831 | 1,706 | 303 | 313 | 40 | 32 | 310 | 318 | | |
| 6 years..... | 13,071 | 12,778 | 8,094 | 7,915 | 2,489 | 2,425 | 1,786 | 1,735 | 406 | 373 | 46 | 47 | 300 | 283 | | |
| 7 years..... | 12,967 | 12,801 | 7,921 | 8,006 | 2,497 | 2,368 | 1,893 | 1,746 | 371 | 395 | 33 | 50 | 252 | 236 | | |
| 8 years..... | 13,166 | 12,714 | 8,033 | 7,869 | 2,609 | 2,419 | 1,852 | 1,777 | 414 | 398 | 46 | 37 | 212 | 214 | | |
| 9 years..... | 12,670 | 12,242 | 7,746 | 7,444 | 2,526 | 2,443 | 1,738 | 1,766 | 414 | 388 | 57 | 32 | 189 | 169 | | |
| 10 years..... | 12,228 | 12,018 | 7,466 | 7,217 | 2,376 | 2,393 | 1,709 | 1,726 | 473 | 456 | 43 | 42 | 171 | 184 | | |
| 11 years..... | 12,256 | 11,856 | 7,447 | 7,137 | 2,396 | 2,300 | 1,732 | 1,730 | 494 | 487 | 35 | 40 | 162 | 162 | | |
| 12 years..... | 12,173 | 11,882 | 7,215 | 7,142 | 2,396 | 2,333 | 1,816 | 1,693 | 544 | 523 | 55 | 34 | 147 | 137 | | |
| 13 years..... | 11,410 | 11,446 | 6,814 | 6,951 | 2,223 | 2,170 | 1,648 | 1,574 | 562 | 570 | 30 | 50 | 133 | 181 | | |
| 14 years..... | 11,192 | 11,102 | 6,654 | 6,579 | 2,135 | 2,170 | 1,622 | 1,590 | 598 | 595 | 23 | 42 | 160 | 126 | | |
| 15 years..... | 10,445 | 10,647 | 6,050 | 6,267 | 1,996 | 2,066 | 1,602 | 1,578 | 607 | 598 | 30 | 35 | 160 | 103 | | |
| 16 years..... | 10,930 | 10,534 | 6,248 | 6,109 | 2,178 | 2,039 | 1,603 | 1,612 | 654 | 610 | 27 | 43 | 217 | 121 | | |
| 17 years..... | 10,559 | 10,388 | 5,933 | 5,985 | 1,992 | 1,968 | 1,592 | 1,527 | 761 | 740 | 33 | 38 | 248 | 110 | | |
| 18 years..... | 10,622 | 10,888 | 6,069 | 6,152 | 1,990 | 2,128 | 1,478 | 1,509 | 771 | 861 | 37 | 39 | 277 | 149 | | |
| 19 years..... | 10,980 | 10,582 | 6,125 | 6,078 | 2,087 | 1,944 | 1,457 | 1,533 | 906 | 830 | 57 | 44 | 328 | 163 | | |
| 20 years..... | 10,366 | 10,446 | 5,775 | 5,839 | 1,973 | 2,004 | 1,366 | 1,437 | 882 | 924 | 50 | 29 | 320 | 213 | | |
| 21 years..... | 11,424 | 10,374 | 6,438 | 5,762 | 2,211 | 1,951 | 1,361 | 1,401 | 1,050 | 1,008 | 67 | 38 | 288 | 214 | | |
| 22 years..... | 11,176 | 10,828 | 5,927 | 5,927 | 2,128 | 2,210 | 1,383 | 1,444 | 1,348 | 943 | 75 | 68 | 315 | 238 | | |
| 23 years..... | 11,444 | 11,335 | 5,983 | 6,084 | 2,144 | 2,280 | 1,315 | 1,467 | 1,586 | 1,168 | 66 | 49 | 350 | 287 | | |
| 24 years..... | 11,959 | 11,662 | 6,292 | 6,302 | 2,224 | 2,319 | 1,373 | 1,480 | 1,803 | 1,228 | 50 | 49 | 267 | 284 | | |

¹ Less than one-tenth of 1 per cent.

COMPOSITION AND CHARACTERISTICS.

41

TABLE 15.—MARITAL CONDITION OF THE POPULATION 15 YEARS OF AGE AND OVER, FOR THE STATE: 1920, 1910, AND 1900.

[Per cent not shown where base is less than 100.]

| CENSUS YEAR, CLASS OF POPULATION, AND AGE PERIOD. | MALES 15 YEARS OF AGE AND OVER. | | | | | | | FEMALES 15 YEARS OF AGE AND OVER. | | | | | | | | |
|---|---------------------------------|---------|-----------|----------|-----------|----------|-----------|-----------------------------------|--------------------|---------|-----------|----------|-----------|----------|-----------|-----------|
| | Total ¹ | Single. | | Married. | | Widowed. | | Divorced. | Total ¹ | Single. | | Married. | | Widowed. | | Divorced. |
| | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | | | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | |
| | | | | | | | | | | | | | | | | |
| 1920 | | | | | | | | | | | | | | | | |
| All classes—15 years and over. | 546,018 | 212,021 | 38.8 | 298,950 | 54.8 | 23,915 | 4.4 | 8,602 | 438,357 | 100,343 | 22.9 | 287,871 | 65.7 | 41,889 | 9.6 | 7,816 |
| 15 to 19 years. | 53,516 | 52,740 | 98.5 | 723 | 1.4 | 12 | (2) | 11 | 52,989 | 46,077 | 87.0 | 6,677 | 12.6 | 79 | 0.1 | 124 |
| 20 to 24 years. | 56,369 | 43,450 | 77.1 | 12,440 | 22.1 | 132 | 0.2 | 226 | 54,645 | 23,423 | 42.9 | 29,969 | 54.8 | 495 | 0.9 | 708 |
| 25 to 34 years. | 129,161 | 52,531 | 40.7 | 73,431 | 56.9 | 1,399 | 1.1 | 1,607 | 110,708 | 17,716 | 16.0 | 88,069 | 79.6 | 2,701 | 2.4 | 2,162 |
| 35 to 44 years. | 121,955 | 30,414 | 24.9 | 85,961 | 70.5 | 3,049 | 2.5 | 2,334 | 91,437 | 7,100 | 7.8 | 77,154 | 84.4 | 4,980 | 5.4 | 2,150 |
| 45 to 54 years. | 89,839 | 17,475 | 19.7 | 64,362 | 72.4 | 4,685 | 5.3 | 2,183 | 62,376 | 2,410 | 5.5 | 49,312 | 80,600 | 10,645 | 12.9 | 1,553 |
| 55 to 64 years. | 58,014 | 9,851 | 17.0 | 40,659 | 70.1 | 5,939 | 10.2 | 1,457 | 38,391 | 1,566 | 4.0 | 26,324 | 66.8 | 10,270 | 27.0 | 821 |
| 65 years and over. | 24,616 | 4,281 | 12.4 | 20,799 | 60.3 | 8,589 | 24.9 | 731 | 1,764 | 3.0 | 9,835 | 38.3 | 14,797 | 57.6 | 259 | |
| Age unknown | 3,649 | 1,279 | 35.1 | 575 | 15.8 | 110 | 3.0 | 53 | 1,138 | 287 | 25.2 | 531 | 46.7 | 131 | 11.5 | 39 |
| Native white—Native parentage: | | | | | | | | | | | | | | | | |
| 15 years and over ^a . | 256,979 | 92,597 | 36.0 | 146,956 | 57.2 | 11,063 | 4.3 | 4,562 | 222,195 | 52,529 | 23.6 | 144,170 | 64.9 | 20,905 | 9.4 | 4,327 |
| 15 to 19 years. | 30,425 | 29,835 | 98.4 | 464 | 1.5 | 5 | (3) | 7 | 30,591 | 26,137 | 85.4 | 4,308 | 14.1 | 52 | 0.2 | 89 |
| 20 to 24 years. | 30,375 | 22,172 | 73.0 | 7,925 | 26.1 | 84 | 0.3 | 140 | 29,914 | 12,085 | 40.4 | 17,066 | 57.1 | 295 | 1.0 | 441 |
| 25 to 34 years. | 60,183 | 19,630 | 32.6 | 38,843 | 64.5 | 726 | 1.2 | 925 | 55,869 | 8,310 | 14.9 | 44,819 | 80.2 | 1,458 | 2.6 | 1,258 |
| 35 to 44 years. | 53,831 | 9,909 | 18.4 | 41,174 | 76.5 | 1,422 | 2.6 | 1,281 | 44,168 | 3,204 | 7.3 | 37,341 | 84.5 | 2,425 | 5.5 | 1,174 |
| 45 to 54 years. | 38,484 | 5,628 | 14.6 | 29,617 | 77.0 | 2,077 | 5.4 | 1,128 | 29,057 | 1,522 | 5.2 | 22,954 | 79.0 | 3,752 | 12.9 | 811 |
| 55 to 64 years. | 24,752 | 3,117 | 12.6 | 18,264 | 73.8 | 2,635 | 10.6 | 689 | 18,496 | 697 | 3.8 | 12,379 | 66.9 | 5,020 | 27.1 | 386 |
| 65 years and over. | 16,318 | 1,605 | 9.2 | 10,311 | 63.2 | 4,065 | 24.9 | 382 | 13,324 | 383 | 2.9 | 4,954 | 37.2 | 7,829 | 58.8 | 141 |
| Native white—For. or mixed par.: | | | | | | | | | | | | | | | | |
| 15 years and over ^a . | 122,994 | 57,120 | 46.4 | 59,938 | 48.7 | 3,877 | 3.2 | 1,894 | 115,212 | 36,171 | 31.4 | 69,321 | 60.2 | 7,658 | 8.6 | 1,987 |
| 15 to 19 years. | 17,978 | 17,781 | 98.9 | 184 | 1.0 | 5 | (3) | 3 | 17,904 | 18,256 | 90.8 | 1,599 | 8.9 | 19 | 0.1 | 26 |
| 20 to 24 years. | 17,478 | 14,170 | 81.1 | 3,194 | 18.3 | 24 | 0.1 | 60 | 17,993 | 9,171 | 51.0 | 8,467 | 47.1 | 141 | 0.8 | 199 |
| 25 to 34 years. | 32,322 | 13,372 | 41.4 | 18,170 | 56.2 | 314 | 1.0 | 418 | 38,041 | 6,922 | 20.9 | 24,759 | 74.9 | 716 | 2.2 | 624 |
| 35 to 44 years. | 23,985 | 5,788 | 24.1 | 17,043 | 71.1 | 582 | 2.4 | 553 | 22,174 | 2,293 | 10.3 | 18,072 | 81.5 | 1,250 | 5.6 | 547 |
| 45 to 54 years. | 16,892 | 3,519 | 20.8 | 12,007 | 71.1 | 880 | 5.2 | 467 | 13,738 | 996 | 7.2 | 10,540 | 76.7 | 1,828 | 13.3 | 362 |
| 55 to 64 years. | 9,825 | 1,764 | 18.0 | 6,743 | 68.6 | 1,026 | 10.4 | 273 | 7,226 | 359 | 5.0 | 4,644 | 64.3 | 2,030 | 28.1 | 189 |
| 65 years and over. | 4,283 | 591 | 13.8 | 2,534 | 59.2 | 1,037 | 24.2 | 111 | 2,964 | 116 | 3.9 | 1,159 | 39.1 | 1,655 | 55.8 | 31 |
| Native white—Foreign parentage: | | | | | | | | | | | | | | | | |
| 15 years and over ^a . | 76,838 | 35,957 | 46.8 | 37,096 | 48.3 | 2,584 | 3.3 | 1,141 | 70,184 | 21,829 | 31.1 | 42,413 | 60.4 | 4,742 | 6.8 | 1,152 |
| 15 to 19 years. | 10,241 | 10,147 | 99.1 | 86 | 0.8 | 5 | (2) | 1 | 10,145 | 9,282 | 91.3 | 858 | 8.5 | 10 | 0.1 | 14 |
| 20 to 24 years. | 10,680 | 8,788 | 82.3 | 1,830 | 17.1 | 12 | 0.1 | 32 | 10,764 | 5,656 | 52.5 | 4,924 | 45.7 | 61 | 0.6 | 112 |
| 25 to 34 years. | 20,408 | 8,832 | 43.3 | 11,086 | 54.3 | 195 | 1.0 | 255 | 20,494 | 4,395 | 21.4 | 15,296 | 74.6 | 436 | 2.1 | 357 |
| 35 to 44 years. | 14,901 | 3,845 | 25.8 | 10,342 | 69.4 | 381 | 2.6 | 326 | 13,337 | 1,468 | 11.0 | 10,825 | 81.2 | 733 | 5.5 | 304 |
| 45 to 54 years. | 11,062 | 2,635 | 22.9 | 7,684 | 68.3 | 577 | 5.2 | 233 | 8,838 | 634 | 7.7 | 6,733 | 76.2 | 1,193 | 13.5 | 218 |
| 55 to 64 years. | 6,689 | 1,300 | 19.4 | 4,499 | 67.8 | 708 | 10.6 | 169 | 4,772 | 258 | 5.4 | 3,055 | 64.0 | 2,030 | 28.0 | 122 |
| 65 years and over. | 2,675 | 420 | 15.7 | 1,531 | 57.2 | 649 | 24.3 | 70 | 1,734 | 73 | 4.2 | 676 | 39.0 | 963 | 55.5 | 19 |
| Native white—Mixed parentage: | | | | | | | | | | | | | | | | |
| 15 years and over ^a . | 46,156 | 21,163 | 45.9 | 22,842 | 49.5 | 1,343 | 2.9 | 753 | 45,028 | 14,342 | 31.9 | 26,908 | 59.8 | 2,916 | 6.5 | 835 |
| 15 to 19 years. | 7,737 | 7,634 | 98.7 | 98 | 1.3 | 2 | (2) | 2 | 7,759 | 6,994 | 90.1 | 741 | 9.6 | 9 | 0.1 | 12 |
| 20 to 24 years. | 8,798 | 5,382 | 79.2 | 1,364 | 20.1 | 12 | 0.2 | 28 | 7,229 | 3,515 | 48.6 | 3,543 | 49.0 | 80 | 1.1 | 87 |
| 25 to 34 years. | 11,914 | 4,640 | 38.1 | 7,084 | 59.5 | 119 | 1.0 | 163 | 12,547 | 2,527 | 20.1 | 9,463 | 75.4 | 230 | 2.2 | 267 |
| 35 to 44 years. | 9,084 | 1,943 | 21.4 | 6,701 | 73.8 | 201 | 2.2 | 227 | 8,837 | 825 | 9.3 | 7,247 | 82.0 | 517 | 5.9 | 243 |
| 45 to 54 years. | 5,800 | 984 | 17.0 | 4,323 | 74.5 | 303 | 5.2 | 184 | 4,900 | 312 | 6.4 | 3,807 | 77.7 | 635 | 13.0 | 361 |
| 55 to 64 years. | 3,136 | 464 | 14.8 | 2,244 | 71.6 | 818 | 10.1 | 104 | 2,454 | 101 | 4.1 | 1,589 | 64.8 | 696 | 28.4 | 67 |
| 65 years and over. | 1,608 | 171 | 10.6 | 1,003 | 62.4 | 388 | 24.1 | 41 | 1,230 | 43 | 3.5 | 483 | 39.3 | 692 | 38.3 | 12 |
| Foreign-born white: | | | | | | | | | | | | | | | | |
| 15 years and over ^a . | 147,839 | 54,736 | 37.0 | 82,441 | 55.8 | 8,303 | 5.6 | 1,975 | 91,740 | 10,519 | 11.5 | 67,306 | 73.4 | 12,461 | 13.6 | 1,370 |
| 15 to 19 years. | 3,699 | 3,645 | 98.5 | 43 | 1.2 | 2 | 0.1 | 2 | 3,639 | 3,033 | 84.7 | 542 | 14.9 | 7 | 0.2 | 5 |
| 20 to 24 years. | 6,678 | 5,601 | 83.9 | 1,025 | 15.3 | 12 | 0.2 | 28 | 5,271 | 1,917 | 36.4 | 3,258 | 61.8 | 42 | 0.8 | 49 |
| 25 to 34 years. | 32,016 | 17,261 | 53.9 | 14,148 | 44.2 | 308 | 1.0 | 236 | 18,840 | 2,344 | 12.4 | 15,792 | 83.8 | 449 | 2.4 | 242 |
| 35 to 44 years. | 38,807 | 13,353 | 34.4 | 24,036 | 61.9 | 893 | 2.3 | 465 | 23,175 | 1,533 | 6.6 | 20,080 | 86.6 | 1,155 | 5.0 | 391 |
| 45 to 54 years. | 30,661 | 7,761 | 25.3 | 20,762 | 67.7 | 1,537 | 5.0 | 537 | 18,589 | 865 | 4.7 | 15,049 | 81.0 | 2,304 | 12.4 | 361 |
| 55 to 64 years. | 22,140 | 4,870 | 21.1 | 14,786 | 68.8 | 2,171 | 9.8 | 475 | 13,178 | 500 | 3.8 | 8,981 | 68.2 | 3,447 | 26.2 | 236 |
| 65 years and over. | 13,238 | 2,086 | 15.8 | 7,530 | 56.9 | 3,338 | 25.2 | 232 | 8,926 | 252 | 2.8 | 3,535 | 39.6 | 5,037 | 56.4 | 83 |
| Negro: | | | | | | | | | | | | | | | | |
| 15 years and over ^a . | 8,339 | 1,357 | 40.6 | 1,623 | 48.6 | 218 | 6.5 | 103 | 2,331 | 339 | 14.5 | 1,545 | 66.3 | 3,377 | 15.3 | 81 |
| 15 to 19 years. | 184 | 182 | 98.9 | 2 | 1.1 | — | — | — | 199 | 164 | 77.4 | 42 | 21.1 | 1 | 0.5 | 2 |
| 20 to 24 years. | 303 | 233 | 75.6 | 64 | 20.8 | 6 | 1.9 | 5 | 231 | 63 | 27.3 | 149 | 64.5 | 7 | 3.0 | 12 |
| 25 to 34 years. | 778 | 388 | 49.6 | 364 | 48.8 | 11 | 1.4 | 15 | 622 | 65 | 10.5 | 493 | 79.3 | 34 | 5.8 | 27 |
| 35 to 44 years. | 929 | 283 | 30.5 | 552 | 59.4 | 57 | 6.1 | 35 | 634 | 37 | 5.8 | 488 | 76.7 | 33 | 13.1 | 27 |
| 45 to 54 years. | 669 | 169 | 25.3 | 408 | 61.0 | 56 | 8.4 | 34 | 365 | 10 | 2.7 | 249 | 68.2 | 95 | 26.0 | 10 |
| 55 to 64 years. | 276 | 68 | 24.0 | 160 | 58.2 | 36 | 13.1 | 12 | 169 | 4 | 2.4 | 96 | 56.8 | 66 | 39.1 | 3 |
| 65 years and over. | 138 | 18 | 13.0 | 69 | 50.0 | 48 | 34.8 | 2 | 100 | 4 | 4.0 | 28 | 28.0 | 67 | 67.0 | — |
| Indian—15 years and over. | 2,934 | 946 | 32.2 | 1,701 | 58.0 | 239 | 8.1 | 87 | 2,802 | 495 | 17.7 | 1,840 | 65.7 | 420 | 15.0 | 46 |
| Chinese—15 years and over. | 1,908 | 805 | 42.2 | 1,056 | 55.3 | 35 | 1.8 | 2 | 143 | 18 | 12.6 | 114 | 79.7 | 9 | 6.3 | 5 |
| Japanese—15 years and over. | 8,963 | 3 | | | | | | | | | | | | | | |

POPULATION—WASHINGTON.

TABLE 16.—TOTAL, WHITE, AND COLORED POPULATION, WITH STATE OF BIRTH FOR NATIVES, FOR THE STATE, 1920.

| NATIVITY AND STATE OF BIRTH. | All classes: 1920 | White: 1920 | Colored: ¹ 1920 | PER CENT DISTRIBUTION OF TOTAL. | | | | | | PER CENT DISTRIBUTION OF NATIVE WHITE. | |
|---------------------------------|----------------------|----------------|-------------------------------|---------------------------------|-------|--------|-------|----------|-------|--|-------|
| | | | | All classes. | | White. | | Colored. | | 1920 | 1910 |
| | | | | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| Total population..... | 1,356,621 | 1,319,777 | 36,844 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Native..... | 1,091,329 | 1,069,722 | 21,607 | 80.4 | 77.8 | 81.1 | 78.3 | 58.6 | 54.2 | 100.0 | 100.0 |
| Born in..... | | | | | | | | | | | |
| Washington..... | 410,175 | 396,184 | 13,991 | 30.2 | 23.0 | 30.0 | 22.6 | 38.0 | 35.7 | 37.0 | 28.9 |
| Minnesota..... | 57,944 | 57,866 | 78 | 4.3 | 4.6 | 4.4 | 4.7 | 0.2 | 0.2 | 5.4 | 6.0 |
| Illinois..... | 52,549 | 52,291 | 258 | 3.9 | 4.5 | 4.0 | 4.6 | 0.7 | 0.7 | 4.9 | 5.9 |
| Wisconsin..... | 50,871 | 50,823 | 48 | 3.7 | 4.1 | 3.9 | 4.3 | 0.1 | 0.2 | 4.8 | 5.4 |
| Iowa..... | 49,254 | 49,160 | 94 | 3.6 | 4.2 | 3.7 | 4.3 | 0.3 | 0.2 | 4.6 | 5.5 |
| Missouri..... | 41,815 | 41,271 | 540 | 3.1 | 3.4 | 3.1 | 3.4 | 1.5 | 1.4 | 3.9 | 4.4 |
| Oregon..... | 39,587 | 39,281 | 306 | 2.9 | 2.6 | 3.0 | 2.6 | 0.8 | 1.0 | 3.7 | 3.4 |
| Michigan..... | 38,130 | 38,084 | 44 | 2.8 | 3.3 | 2.9 | 3.4 | 0.1 | 0.2 | 3.6 | 3.8 |
| Ohio..... | 28,829 | 28,411 | 218 | 2.1 | 2.9 | 2.2 | 2.9 | 0.6 | 0.7 | 2.7 | 3.8 |
| Kansas..... | 27,569 | 27,287 | 302 | 2.0 | 2.1 | 2.1 | 2.2 | 0.8 | 0.7 | 2.5 | 2.8 |
| New York..... | 27,150 | 27,089 | 61 | 2.0 | 2.8 | 2.1 | 2.9 | 0.2 | 0.2 | 2.5 | 3.6 |
| Pennsylvania..... | 24,536 | 24,448 | 88 | 1.8 | 2.3 | 1.9 | 2.4 | 0.2 | 0.4 | 2.3 | 3.0 |
| Indiana..... | 23,000 | 22,885 | 135 | 1.7 | 2.1 | 1.7 | 2.1 | 0.4 | 0.4 | 2.1 | 2.7 |
| California..... | 20,810 | 20,445 | 365 | 1.5 | 1.6 | 1.5 | 1.6 | 1.0 | 0.7 | 1.9 | 2.0 |
| Nebraska..... | 20,092 | 20,056 | 38 | 1.5 | 1.5 | 1.5 | 1.6 | 0.1 | 0.1 | 1.9 | 2.0 |
| Montana..... | 16,816 | 16,677 | 139 | 1.2 | 0.7 | 1.3 | 0.7 | 0.4 | 0.1 | 1.6 | 0.9 |
| Idaho..... | 15,308 | 15,228 | 80 | 1.1 | 0.7 | 1.2 | 0.7 | 0.2 | 0.2 | 1.4 | 0.9 |
| North Dakota..... | 12,032 | 12,017 | 15 | 0.9 | 0.7 | 0.9 | 0.7 | (2) | (2) | 1.1 | 0.9 |
| South Dakota..... | 10,136 | 10,122 | 14 | 0.7 | 0.7 | 0.8 | 0.7 | (2) | (2) | 0.9 | 0.9 |
| Colorado..... | 9,965 | 9,853 | 112 | 0.7 | 0.6 | 0.7 | 0.6 | 0.3 | 0.3 | 0.9 | 0.8 |
| Other states..... | 96,253 | 93,193 | 3,065 | 7.1 | 8.0 | 7.1 | 7.9 | 8.3 | 9.6 | 8.7 | 10.1 |
| Other native ² | 18,703 | 17,085 | 1,618 | 1.4 | 1.3 | 1.3 | 1.3 | 4.4 | 1.2 | 1.6 | 1.7 |
| Foreign born..... | 265,292 | 250,055 | 15,237 | 19.6 | 22.4 | 18.9 | 21.7 | 41.4 | 45.8 | | |

¹ Comprises persons of Negro descent, Indians, Chinese, Japanese, and all other; see Table 1.

² Comprises persons born in the United States, state of birth not reported; persons born in outlying possessions, or at sea under United States flag; and persons of foreign birth whose parents were American citizens temporarily absent from the United States.

TABLE 17.—COUNTRY OF BIRTH OF THE FOREIGN-BORN POPULATION, WITH CITIZENSHIP OF THE FOREIGN-BORN
WHITE, FOR THE STATE: 1920.

[See also Tables 5, 6, and 12. Per cent not shown where base is less than 100.]

| COUNTRY OF BIRTH. | TOTAL FOREIGN BORN. | | | | FOREIGN-BORN WHITE. | | | | | FOREIGN-BORN WHITE YEARS OF AGE AND OVER. | | | |
|--------------------------|---------------------|-------------------------------|---------|---------|---------------------|--------------|-----------|---------------------------|--------|--|---------|--------------|----------|
| | Both sexes. | | Male. | Female. | Total. | Naturalized. | | Having first paper. | Alien. | Citizen- ship not reported. | Total. | Naturalized. | |
| | Number. | Percent distribu- tion. | | | | Number. | Per cent. | | | | | Number. | Percent. |
| Total..... | 265,292 | 100.0 | 164,158 | 101,134 | 250,055 | 140,166 | 56.1 | 30,191 | 63,981 | 15,717 | 230,435 | 138,917 | 58.1 |
| Canada..... | 43,179 | 16.3 | 23,346 | 19,833 | 42,988 | 24,674 | 57.4 | 2,994 | 11,464 | 3,856 | 35,101 | 22,535 | 64.2 |
| French..... | 2,551 | 1.0 | 1,519 | 1,032 | 2,681 | 1,474 | 57.1 | 239 | 634 | 234 | 2,349 | 1,418 | 60.4 |
| Sweden..... | 34,793 | 13.1 | 21,718 | 13,075 | 34,793 | 21,432 | 61.6 | 4,693 | 6,994 | 1,674 | 33,362 | 20,850 | 62.5 |
| Norway..... | 30,305 | 11.4 | 18,156 | 12,149 | 30,304 | 18,930 | 62.5 | 4,185 | 5,694 | 1,495 | 28,903 | 18,261 | 63.2 |
| Germany..... | 22,315 | 8.4 | 13,409 | 8,906 | 22,315 | 16,606 | 74.4 | 2,014 | 2,322 | 1,373 | 21,777 | 16,334 | 75.2 |
| England..... | 20,821 | 7.8 | 11,900 | 8,801 | 20,806 | 11,952 | 57.4 | 2,389 | 4,079 | 1,586 | 19,243 | 11,411 | 59.3 |
| Japan..... | 12,971 | 4.9 | 9,022 | 3,949 | 22 | 7 | ----- | 2 | 11 | 2 | 19 | 7 | ----- |
| Finland..... | 11,863 | 4.5 | 7,476 | 4,387 | 11,863 | 4,626 | 39.0 | 2,038 | 4,048 | 552 | 11,308 | 4,454 | 39.4 |
| Russia..... | 11,125 | 4.2 | 6,876 | 4,449 | 11,124 | 5,213 | 46.9 | 1,166 | 4,217 | 528 | 9,664 | 4,785 | 49.5 |
| Italy..... | 10,513 | 4.1 | 7,683 | 3,120 | 10,813 | 3,231 | 29.9 | 1,790 | 5,296 | 496 | 9,856 | 3,044 | 30.9 |
| Ireland..... | 8,927 | 3.4 | 5,497 | 3,430 | 8,927 | 5,880 | 65.9 | 850 | 1,381 | 816 | 8,748 | 5,805 | 66.4 |
| Denmark..... | 8,359 | 3.2 | 5,346 | 3,018 | 8,359 | 5,804 | 69.4 | 901 | 1,187 | 467 | 8,067 | 5,670 | 70.3 |
| Scotland..... | 7,886 | 3.0 | 4,678 | 3,208 | 7,886 | 4,381 | 55.6 | 921 | 2,032 | 552 | 7,308 | 4,173 | 57.1 |
| Austria..... | 6,494 | 2.4 | 4,344 | 2,150 | 6,494 | 2,948 | 45.4 | 1,144 | 2,041 | 361 | 6,146 | 2,829 | 46.0 |
| Greece..... | 4,215 | 1.6 | 3,924 | 281 | 4,214 | 681 | 13.8 | 716 | 2,710 | 207 | 4,020 | 553 | 13.8 |
| Poland..... | 3,906 | 1.5 | 2,509 | 1,397 | 3,906 | 1,753 | 44.9 | 610 | 1,374 | 169 | 3,686 | 1,663 | 45.1 |
| All other countries..... | 27,320 | 10.3 | 18,404 | 8,916 | 25,241 | 12,149 | 48.1 | 3,828 | 7,681 | 1,638 | 23,227 | 11,493 | 49.5 |

TABLE 18.—YEAR OF IMMIGRATION OF THE FOREIGN-BORN POPULATION, FOR THE STATE: 1920

| SEX. | Total foreign born: 1920 | YEAR OF IMMIGRATION. | | | | | | | PER CENT OF TOTAL ARRIVING IN— | | | | | | |
|-----------------|-----------------------------------|----------------------|---------------|---------------|---------------|---------------|---------------------|-----------------------|--------------------------------|---------------|---------------|---------------|---------------|------------------------|----------------------------|
| | | 1918- 1919 | 1916- 1917 | 1911- 1915 | 1906- 1910 | 1901- 1905 | 1900 or earlier. | Year not reported. | 1918- 1919 | 1916- 1917 | 1911- 1915 | 1906- 1910 | 1901- 1905 | 1900 or earlier. | Year not re- ported. |
| Both sexes..... | 265,292 | 9,765 | 6,787 | 31,841 | 41,213 | 33,081 | 111,633 | 30,992 | 3.7 | 2.6 | 12.0 | 15.5 | 12.5 | 42.1 | 11.7 |
| Male..... | 164,158 | 5,107 | 4,021 | 20,386 | 27,856 | 21,801 | 70,930 | 14,057 | 3.1 | 2.4 | 12.4 | 17.0 | 13.3 | 43.2 | 8.6 |
| Female..... | 101,134 | 4,658 | 2,746 | 11,455 | 13,357 | 11,280 | 40,703 | 16,935 | 4.6 | 2.7 | 11.3 | 13.2 | 11.2 | 40.2 | 16.7 |

TABLE 19.—FOREIGN-BORN WHITE POPULATION UNABLE TO SPEAK ENGLISH FOR THE STATE: 1920

| SEX. | FOREIGN-BORN WHITE 10 YEARS OF AGE AND OVER: 1920 | | | FOREIGN-BORN WHITE 21 YEARS OF AGE AND OVER: 1920 | | |
|-----------------|--|--------------------------|-----|--|--------------------------|-----|
| | Total number. | Unable to speak English. | | Total number. | Unable to speak English. | |
| | Number. | Per cent. | | Number. | Per cent. | |
| Both sexes..... | 244,881 | 7,798 | 3.2 | 230,435 | 7,602 | 3.3 |
| Male..... | 150,510 | 3,772 | 2.5 | 143,258 | 3,669 | 2.6 |
| Female..... | 94,371 | 4,024 | 4.3 | 87,177 | 3,933 | 4.5 |

COMPOSITION AND CHARACTERISTICS.

43

TABLE 20.—SCHOOL ATTENDANCE, BY AGE PERIODS, FOR THE STATE: 1920.
 [See also Table 2. Per cent not shown where base is less than 100.]

| CLASS OF POPULATION* AND SEX. | Total number of persons attending school: 1920 | PERSONS 7 TO 13 YEARS OF AGE. | | | PERSONS 14 AND 15 YEARS OF AGE. | | | PERSONS 16 AND 17 YEARS OF AGE. | | | PERSONS 18 TO 20 YEARS OF AGE. | | | OTHERS ATTENDING SCHOOL. | | |
|-------------------------------|--|-------------------------------|---------|---------------|---------------------------------|-----------|-------------------|---------------------------------|---------------|---------|--------------------------------|-------------------|------|--------------------------|---------|-----------|
| | | Attending school: | | Total number. | Number. | Per cent. | Attending school: | | Total number. | Number. | Per cent. | Attending school: | | Total number. | Number. | Per cent. |
| | | | | | | | | | | | | | | | | |
| All classes..... | 265,051 | 171,818 | 162,750 | 94.7 | 43,386 | 38,442 | 88.6 | 42,391 | 23,105 | 54.5 | 63,814 | 13,715 | 21.5 | 19,568 | 7,471 | |
| Male..... | 132,481 | 86,880 | 82,296 | 94.7 | 21,637 | 18,572 | 87.2 | 21,489 | 10,556 | 49.1 | 31,948 | 6,662 | 20.9 | 9,669 | 4,426 | |
| Female..... | 132,670 | 84,939 | 80,454 | 94.7 | 21,749 | 19,570 | 90.0 | 20,902 | 12,549 | 60.0 | 31,866 | 7,053 | 22.1 | 9,899 | 3,045 | |
| Native white: | | | | | | | | | | | | | | | | |
| Native parentage..... | 161,271 | 104,408 | 99,306 | 95.1 | 25,550 | 23,076 | 90.3 | 24,275 | 14,073 | 58.0 | 36,038 | 8,410 | 23.3 | 12,312 | 4,094 | |
| Male..... | 80,278 | 52,642 | 50,075 | 95.1 | 12,704 | 11,321 | 89.1 | 12,181 | 6,411 | 52.6 | 17,969 | 4,088 | 22.8 | 6,094 | 2,289 | |
| Female..... | 80,993 | 51,766 | 49,231 | 95.1 | 12,846 | 11,755 | 91.5 | 12,094 | 7,662 | 63.4 | 18,069 | 4,322 | 23.9 | 6,218 | 1,805 | |
| Foreign parentage..... | 50,096 | 33,449 | 31,849 | 95.2 | 8,367 | 7,243 | 86.6 | 8,175 | 3,923 | 48.0 | 12,126 | 2,186 | 18.0 | 3,687 | 1,208 | |
| Male..... | 24,969 | 17,023 | 16,206 | 95.2 | 4,131 | 3,501 | 84.7 | 4,168 | 1,779 | 42.7 | 6,060 | 985 | 16.3 | 1,810 | 688 | |
| Female..... | 25,127 | 16,426 | 15,643 | 95.2 | 4,236 | 3,742 | 88.3 | 4,007 | 2,144 | 53.5 | 6,076 | 1,201 | 19.8 | 1,877 | 520 | |
| Mixed parentage..... | 38,224 | 24,408 | 23,199 | 95.1 | 6,392 | 5,890 | 89.0 | 6,339 | 3,671 | 57.9 | 8,750 | 2,082 | 23.7 | 2,680 | 902 | |
| Male..... | 19,052 | 12,388 | 11,766 | 95.0 | 3,224 | 2,825 | 87.6 | 3,200 | 1,663 | 52.0 | 4,301 | 973 | 22.6 | 1,315 | 510 | |
| Female..... | 19,172 | 12,012 | 11,433 | 95.2 | 3,168 | 2,865 | 90.4 | 3,139 | 2,008 | 64.0 | 4,479 | 1,109 | 24.8 | 1,365 | 392 | |
| Foreign-born white: | | | | | | | | | | | | | | | | |
| Male..... | 10,672 | 6,489 | 5,790 | 89.2 | 2,398 | 1,871 | 78.0 | 2,765 | 981 | 35.5 | 5,174 | 643 | 12.4 | 1,522 | 865 | |
| Female..... | 5,481 | 3,272 | 2,918 | 89.2 | 1,205 | 921 | 76.4 | 1,415 | 432 | 30.5 | 2,559 | 325 | 12.7 | 867 | 618 | |
| Negro..... | 869 | 519 | 527 | 89.3 | 1,193 | 950 | 79.6 | 1,350 | 549 | 40.7 | 2,615 | 318 | 12.2 | 255 | 247 | |
| Male..... | 418 | 299 | 283 | 94.6 | 53 | 43 | ----- | .60 | 27 | ----- | 144 | 18 | 12.5 | 36 | 11 | |
| Female..... | 451 | 285 | 289 | 94.4 | 77 | 68 | ----- | 81 | 54 | ----- | 112 | 23 | 20.5 | 27 | 10 | |

TABLE 21.—SCHOOL ATTENDANCE, BY SINGLE YEARS FROM 5 TO 20, FOR THE STATE: 1920.

[See also Table 2. Per cent not shown where base is less than 100.]

| YEAR OF AGE. | NUMBER AND PER CENT OF TOTAL AT SPECIFIED AGE ATTENDING SCHOOL: 1920 | | | | | | | | | | | | | | | |
|---------------|--|-----------|---------|-----------|---------|-----------|-------------------|-----------|--------------------|-----------|------------------|-----------|-------------------|-----------|--------------------|-----------|
| | All classes. | | | | | | | | Native white. | | | | | | | |
| | Both sexes. | | Male. | | Female. | | Native parentage. | | Foreign parentage. | | Mixed parentage. | | Native parentage. | | Foreign parentage. | |
| | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. | Number. | Per cent. |
| 5 years..... | 2,131 | 8.2 | 987 | 7.6 | 1,144 | 8.9 | 1,327 | 8.2 | 403 | 8.3 | 269 | 7.6 | 58 | 9.4 | 5 | ----- |
| 6 years..... | 17,189 | 66.5 | 8,574 | 65.6 | 8,615 | 67.4 | 10,826 | 67.6 | 3,240 | 65.9 | 2,379 | 68.5 | 458 | 58.8 | 55 | ----- |
| 7 years..... | 23,008 | 89.3 | 11,560 | 89.1 | 11,445 | 89.4 | 14,326 | 89.9 | 4,381 | 90.1 | 3,252 | 89.4 | 634 | 82.8 | 74 | ----- |
| 8 years..... | 24,070 | 93.0 | 12,280 | 93.3 | 11,799 | 92.8 | 14,893 | 93.7 | 4,602 | 92.7 | 3,389 | 93.4 | 713 | 87.8 | 80 | ----- |
| 9 years..... | 23,476 | 94.2 | 11,945 | 94.3 | 11,531 | 94.2 | 14,357 | 94.5 | 4,719 | 95.0 | 3,313 | 94.5 | 694 | 86.5 | 85 | ----- |
| 10 years..... | 23,480 | 90.8 | 11,848 | 90.8 | 11,632 | 90.8 | 14,267 | 97.2 | 4,649 | 97.5 | 3,330 | 96.9 | 847 | 91.2 | 81 | ----- |
| 11 years..... | 23,386 | 97.0 | 11,880 | 96.9 | 11,506 | 97.0 | 14,182 | 97.2 | 4,585 | 97.6 | 3,363 | 97.1 | 910 | 92.8 | 69 | ----- |
| 12 years..... | 23,294 | 96.9 | 11,797 | 96.9 | 11,497 | 96.9 | 13,945 | 97.1 | 4,604 | 97.4 | 3,441 | 98.1 | 967 | 90.6 | 86 | ----- |
| 13 years..... | 22,030 | 96.4 | 10,986 | 96.3 | 11,044 | 96.5 | 13,338 | 96.9 | 4,249 | 96.7 | 3,111 | 96.8 | 1,025 | 90.5 | 77 | ----- |
| 14 years..... | 20,924 | 93.9 | 10,493 | 93.8 | 10,431 | 94.0 | 12,532 | 94.7 | 4,032 | 93.7 | 3,033 | 94.4 | 1,026 | 86.0 | 62 | ----- |
| 15 years..... | 17,518 | 88.1 | 8,379 | 80.2 | 9,139 | 85.8 | 10,544 | 85.6 | 3,211 | 79.0 | 2,657 | 83.6 | 845 | 70.1 | 49 | ----- |
| 16 years..... | 13,500 | 62.9 | 6,269 | 57.4 | 7,231 | 68.6 | 8,217 | 66.5 | 2,329 | 55.3 | 2,143 | 66.6 | 560 | 44.3 | 46 | ----- |
| 17 years..... | 9,605 | 45.9 | 4,287 | 40.6 | 5,318 | 51.3 | 5,856 | 49.1 | 1,594 | 40.3 | 1,528 | 49.0 | 421 | 28.0 | 25 | ----- |
| 18 years..... | 6,592 | 30.7 | 2,964 | 27.9 | 3,628 | 33.5 | 4,060 | 33.2 | 1,076 | 22.1 | 1,000 | 33.5 | 295 | 18.1 | 25 | ----- |
| 19 years..... | 4,388 | 20.4 | 2,224 | 20.3 | 2,164 | 20.4 | 2,682 | 22.0 | 681 | 16.9 | 680 | 22.7 | 213 | 12.3 | 14 | 13.9 |
| 20 years..... | 2,735 | 13.1 | 1,474 | 14.2 | 1,261 | 12.1 | 1,688 | 14.4 | 429 | 10.8 | 402 | 14.3 | 135 | 7.5 | 2 | ----- |

TABLE 22.—ILLITERACY OF THE POPULATION 10 YEARS OF AGE AND OVER, BY AGE PERIODS, FOR THE STATE: 1920.
 [See also Table 4.]

| SEX AND AGE PERIOD. | ALL CLASSES: 1920 | | | | | | | | FOREIGN-BORN WHITE. | | | | | | | | NEGRO. | |
|------------------------|-------------------|-------------|--------------------|-------------|------------------|-------------|-------------------|-------------|---------------------|-------------|------------------|-------------|-------------------|-------------|--------------------|-------------|----------|-----------|
| | Native parentage. | | Foreign parentage. | | Mixed parentage. | | Native parentage. | | Foreign parentage. | | Mixed parentage. | | Native parentage. | | Foreign parentage. | | | |
| | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Total number. | Illiterate. | Num-ber. | Per cent. |
| 10 years and over..... | 1,101,929 | 18,526 | 1,702 | 549,796 | 1,628 | 0.3 | 169,914 | 510 | 0.3 | 108,024 | 241 | 0.2 | 244,881 | 11,630 | 4.7 | 6,064 | 245 | 4.0 |
| Male..... | 605,288 | 10,479 | 1,702 | 292,575 | 947 | 0.3 | 88,364 | 322 | 0.4 | 54,683 | 148 | 0.3 | 150,510 | 6,656 | 4.4 | 3,525 | 131 | 3.7 |
| Female..... | 496,641 | 8,047 | 1,6 | 257,221 | 681 | 0.3 | 81,550 | 188 | 0.2 | 53,341 | 98 | 0.2 | 94,371 | 5,974 | 5.3 | 2,539 | 114 | 4.5 |
| 21 years and over..... | 857,079 | 17,777 | 2.1 | 408,544 | 1,394 | 0.3 | 122,659 | 405 | 0.3 | 72,885 | 170 | 0.2 | 230,435 | 11,404 | 5.0 | 5,208 | 241 | 4.6 |
| Both sexes: | | | | | | | | | | | | | | | | | | |
| 10 to 14 years..... | 117,553 | 1,251 | 0.2 | 70,622 | 107 | 0.2 | 22,892 | 33 | 0.1 | 16,840 | 30 | 0.2 | 5,302 | 20 | 0.4 | 394 | 1 | 0.3 |
| 15 to 24 years..... | 217,499 | 1,370 | 0.6 | 121,305 | 228 | 0.2 | 41,830 | 106 | 0.3 | 29,528 | 57 | 0.2 | 19,257 | 559 | 3.1 | 922 | 8 | 0.9 |
| 25 to 34 years..... | 230,867 | 3,010 | 1.6 | 116,052 | 223 | 0.2 | 40,902 | 96 | 0.2 | 24,461 | 39 | 0.2 | 20,856 | 2,771 | 5.4 | 1,400 | 20 | 1.4 |
| 35 to 44 years..... | 213,392 | 4,510 | 2.1 | 97,999 | 235 | 0.2 | 28,238 | 74 | 0.3 | 17,921 | 24 | 0.1 | 61,952 | 8,212 | 5.2 | 1,563 | 37 | 2.4 |
| 45 to 54 years..... | 151,215 | 3,205 | 2.3 | 67,641 | 256 | 0.4 | 19,930 | 81 | 0.4 | 16,700 | 34 | 0.3 | 49,250 | 2,222 | 4.5 | 1,034 | 52 | 5.0 |
| 55 to 64 years..... | 97,405 | 2,455 | 2.5 | 43,248 | 255 | 0.6 | 11,461 | 53 | 0.5 | 8,580 | 22 | 0.4 | 33,518 | 1,448 | 4.1 | 444 | 54 | 12.2 |
| 65 years and over..... | 80,211 | 2,481 | 4.1 | 29,642 | 300 | 1.0 | 4,409 | 66 | 1.5 | 2,838 | 32 | 1.1 | 22,159 | 1,315 | 6.9 | 238 | 70 | 29.4 |
| Male: | | | | | | | | | | | | | | | | | | |
| 10 to 14 years..... | 59,284 | 117 | 0.2 | 35,596 | 54 | 0.2 | 11,526 | 22 | 0.2 | 8,527 | 17 | 0.2 | 2,671 | 10 | 0.4 | 186 | 1 | 0.5 |
| 15 to 24 years | | | | | | | | | | | | | | | | | | |

POPULATION—WASHINGTON.

TABLE 23.—COUNTRY OF ORIGIN AND MOTHER TONGUE OF THE FOREIGN WHITE STOCK, FOR THE STATE: 1920.

[Figures for country of origin relate to countries as constituted prior to the World War.]

| COUNTRY OF ORIGIN. | Total foreign white stock: 1920 | Foreign-born white—Birth-place of father. | NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE. | | | | MOTHER TONGUE. | Total foreign white stock: 1920 | NATIVE WHITE OF FOREIGN OR MIXED PARENTAGE. | | | | |
|---------------------------------------|---------------------------------|---|---|-----------------------|-----------------|-----------------------------|-----------------------------|---------------------------------|---|-----------------------|-----------------|-----------------|--------|
| | | | Total. | Both parents foreign. | Father foreign. | Mother foreign. | | | Total. | Both parents foreign. | Father foreign. | Mother foreign. | |
| | | | | | | | | | | | | | |
| Total..... | 608,071 | 250,055 | 358,016 | 214,618 | 92,163 | 51,235 | | | 608,071 | 250,055 | 358,016 | 214,618 | 51,235 |
| Northwestern Europe: | | | | | | | | | | | | | |
| England..... | 56,178 | 25,160 | 31,018 | 10,994 | 12,972 | 7,052 | English and Celtic..... | 213,638 | 80,549 | 133,089 | 54,790 | 48,552 | 29,747 |
| Scotland..... | 22,572 | 12,008 | 10,474 | 4,074 | 4,278 | 2,123 | Germanic: | | | | | | |
| Wales..... | 6,111 | 2,204 | 3,907 | 1,714 | 1,414 | 779 | German..... | 110,690 | 35,691 | 74,999 | 46,483 | 19,504 | 9,012 |
| Ireland..... | 39,607 | 13,672 | 25,935 | 13,793 | 7,922 | 4,220 | Dutch and Frisian..... | 7,499 | 3,240 | 4,259 | 2,583 | 1,084 | 9,592 |
| Norway..... | 65,613 | 30,456 | 35,157 | 24,881 | 6,442 | 3,834 | Flemish..... | 1,773 | 1,043 | 730 | 465 | 192 | 73 |
| Sweden..... | 66,075 | 35,620 | 32,455 | 23,426 | 5,621 | 3,408 | | | | | | | |
| Denmark..... | 18,913 | 8,703 | 10,120 | 6,209 | 2,761 | 1,150 | Scandinavian: | | | | | | |
| Netherlands..... | 7,517 | 3,299 | 4,218 | 2,555 | 1,074 | 589 | Swedish..... | 72,864 | 38,001 | 34,863 | 25,842 | 5,757 | 3,464 |
| Belgium..... | 2,590 | 1,512 | 1,078 | 644 | 300 | 134 | Norwegian..... | 65,405 | 30,383 | 35,072 | 24,819 | 6,448 | 3,897 |
| Luxemburg..... | 840 | 327 | 513 | 242 | 221 | 50 | Danish..... | 18,782 | 8,526 | 10,256 | 6,285 | 2,802 | 1,169 |
| Switzerland..... | 8,898 | 3,690 | 5,208 | 2,768 | 1,743 | 697 | | | | | | | |
| France..... | 6,073 | 2,510 | 3,563 | 1,367 | 1,520 | 576 | Latin and Greek: | | | | | | |
| Central and Eastern Europe: | | | | | | | Italian..... | 19,205 | 11,084 | 8,121 | 7,059 | 933 | 129 |
| Germany..... | 82,780 | 25,003 | 57,787 | 33,687 | 16,631 | 7,469 | French..... | 15,330 | 5,554 | 9,776 | 4,390 | 3,679 | 1,707 |
| Austria..... | 23,564 | 11,924 | 11,640 | 8,886 | 1,837 | 917 | Spanish..... | 2,216 | 1,403 | 753 | 453 | 148 | 152 |
| Hungary..... | 4,142 | 2,289 | 1,853 | 1,501 | 232 | 120 | Portuguese..... | 524 | 187 | 337 | 204 | 106 | 27 |
| Russia..... | 26,430 | 13,678 | 12,752 | 10,510 | 1,428 | 814 | Rumanian..... | 324 | 248 | 76 | 47 | 18 | 11 |
| Finland..... | 21,053 | 12,038 | 9,015 | 7,933 | 656 | 426 | Greek..... | 4,375 | 4,012 | 383 | 247 | 112 | 4 |
| Rumania..... | 473 | 311 | 182 | 129 | 20 | 13 | | | | | | | |
| Bulgaria, Serbia, and Montenegro..... | 1,074 | 876 | 198 | 133 | 59 | 6 | Slavic and Lettic: | | | | | | |
| Turkey in Europe..... | 1,087 | 804 | 283 | 277 | 6 | ..... | Polish..... | 7,805 | 3,634 | 4,171 | 3,385 | 582 | 224 |
| Southern Europe: | | | | | | | Czech..... | 4,329 | 1,750 | 2,579 | 1,708 | 534 | 337 |
| Greece..... | 4,092 | 3,744 | 348 | 231 | 114 | 3 | Slovak..... | 4,220 | 2,109 | 2,111 | 1,870 | 205 | 38 |
| Italy..... | 18,754 | 10,965 | 7,798 | 6,788 | 881 | 120 | Russian ¹ | 6,976 | 4,198 | 2,778 | 2,247 | 351 | 180 |
| Spain..... | 723 | 441 | 282 | 129 | 74 | 79 | Ruthenian..... | 222 | 135 | 87 | 75 | 4 | 8 |
| Portugal..... | 459 | 158 | 311 | 186 | 101 | 24 | Slovenian..... | 3,445 | 1,873 | 1,572 | 1,337 | 192 | 42 |
| Europe, not specified..... | 114 | 40 | 74 | 54 | 14 | 6 | Serbo-Croatian..... | 4,174 | 2,740 | 1,434 | 1,335 | 89 | 10 |
| Asia: | | | | | | | Bulgarian..... | 314 | 283 | 31 | 8 | 23 | ..... |
| Turkey in Asia..... | 1,213 | 835 | 378 | 314 | 38 | 26 | Slavic, not specified..... | | | | | | |
| All other countries..... | 371 | 147 | 224 | 91 | 79 | 54 | Lithuanian and Lettish..... | 1,408 | 931 | 477 | 421 | 49 | 7 |
| America: | | | | | | | | | | | | | |
| Canada—French..... | 7,175 | 2,363 | 4,812 | 2,253 | 1,703 | 856 | Unclassified: | | | | | | |
| Canada—Other..... | 73,205 | 23,721 | 49,484 | 13,176 | 21,259 | 15,049 | Yiddish and Hebrew..... | 3,584 | 2,066 | 1,518 | 1,334 | 138 | 46 |
| Newfoundland..... | 539 | 200 | 239 | 126 | 65 | 48 | Magyar..... | 759 | 442 | 317 | 213 | 64 | 40 |
| West Indies ¹ | 145 | 55 | 90 | 9 | 37 | Finland..... | 15,925 | 8,957 | 6,968 | 6,113 | 492 | 383 | |
| Mexico..... | 507 | 373 | 134 | 36 | 50 | Armenian..... | 279 | 246 | 33 | 30 | 1 | 2 | |
| Central and South America..... | 296 | 158 | 138 | 10 | 81 | Syrian and Arabic..... | 602 | 344 | 258 | 210 | 27 | 21 | |
| All other..... | 1,488 | 491 | 997 | 112 | 530 | Turkish..... | 149 | 109 | 40 | 30 | 7 | 3 | |
| Of mixed foreign parentage..... | 35,380 | 35,380 | 35,380 | 35,380 | 35,380 | All other..... | 23 | 17 | 6 | 1 | 5 | ..... |  |
| | | | | | | Unknown..... | 388 | 203 | 185 | 97 | 07 | 21 | |
| | | | | | | Of mixed mother tongue..... | 20,756 | 20,756 | 20,756 | 20,756 | 20,756 | 20,756 | |

¹ Except possessions of the United States.² Probably includes a considerable proportion of Hebrews erroneously reported as of Russian mother tongue.

TABLE 24.—OWNERSHIP OF HOMES, FOR COUNTIES AND PLACES HAVING 10,000 INHABITANTS OR MORE: 1920.

| COUNTY OR CITY. | Total homes. | Rented. | OWNED. | | | | COUNTY OR CITY. | Total homes. | Rented. | OWNED. | | | | | | | | | | | |
|-------------------|--------------|---------|---------|---------|-------------|---------------|-----------------|------------------|---------|--------|--------|-------------|---------------|-----|-------|--|--|--|--|--|--|
| | | | Total. | Free. | Encumbered. | Un- known. | | | | Total. | Free. | Encumbered. | Un- known. | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| The state..... | 342,228 | 151,513 | 183,322 | 106,729 | 72,655 | 3,938 | 7,393 | COUNTIES—con. | | | | | | | | | | | | | |
| COUNTIES. | | | | | | | | | | | | | | | | | | | | | |
| Adams..... | 2,219 | 1,013 | 1,143 | 660 | 409 | 74 | 63 | Shoshone..... | 17,246 | 6,044 | 9,970 | 3,875 | 116 | 332 | | | | | | | |
| Aston..... | 1,689 | 393 | 1,189 | 753 | 406 | 10 | 127 | Spokane..... | 35,973 | 18,187 | 17,611 | 10,094 | 103 | 175 | | | | | | | |
| Benton..... | 2,724 | 1,058 | 1,585 | 721 | 821 | 43 | 81 | Stevens..... | 5,409 | 1,917 | 3,388 | 1,952 | 85 | 106 | | | | | | | |
| Chelan..... | 5,204 | 2,284 | 2,838 | 1,401 | 1,411 | 46 | 92 | Thurston..... | 5,641 | 2,304 | 3,103 | 1,981 | 236 | 234 | | | | | | | |
| Clallam..... | 3,018 | 1,296 | 1,615 | 1,179 | 418 | 18 | 105 | Wahkiakum..... | 866 | 291 | 529 | 345 | 10 | 36 | | | | | | | |
| Clarke..... | 8,284 | 3,137 | 4,992 | 3,032 | 1,919 | 41 | 155 | Walla Walla..... | 6,692 | 3,003 | 3,437 | 2,172 | 63 | 252 | | | | | | | |
| Columbia..... | 1,574 | 640 | 898 | 631 | 255 | 12 | 36 | Whatcom..... | 12,973 | 4,860 | 7,835 | 4,968 | 84 | 278 | | | | | | | |
| Cowlitz..... | 2,904 | 1,043 | 1,827 | 1,260 | 555 | 12 | 34 | Whitman..... | 7,615 | 3,433 | 3,959 | 2,708 | 78 | 223 | | | | | | | |
| Douglas..... | 2,360 | 790 | 1,536 | 725 | 785 | 28 | 34 | Yakima..... | 15,539 | 6,371 | 8,707 | 4,271 | 4,168 | 461 | | | | | | | |
| Ferry..... | 1,463 | 498 | 958 | 721 | 220 | 17 | 7 | CITIES. | | | | | | | | | | | | | |
| Franklin..... | 1,457 | 717 | 704 | 377 | 319 | 8 | 36 | Aberdeen..... | 3,783 | 2,007 | 1,671 | 1,081 | 559 | 31 | 105 | | | | | | |
| Garfield..... | 938 | 375 | 524 | 356 | 146 | 22 | 39 | Bellingham..... | 6,640 | 2,932 | 3,559 | 2,298 | 1,216 | 45 | 149 | | | | | | |
| Grant..... | 2,068 | 806 | 1,156 | 664 | 485 | 27 | 106 | Everett..... | 7,169 | 3,547 | 3,502 | 1,974 | 1,498 | 30 | 120 | | | | | | |
| Grays Harbor..... | 10,567 | 5,409 | 4,819 | 3,064 | 1,617 | 138 | 339 | Hoquiam..... | 2,370 | 1,132 | 1,120 | 621 | 446 | 68 | 68 | | | | | | |
| Island..... | 1,532 | 489 | 1,038 | 704 | 322 | 12 | 25 | Seattle..... | 80,048 | 42,219 | 36,420 | 17,543 | 18,010 | 867 | 1,409 | | | | | | |
| Jefferson..... | 1,725 | 790 | 863 | 713 | 136 | 14 | 72 | Spokane..... | 27,178 | 14,980 | 12,083 | 6,862 | 5,154 | 67 | 116 | | | | | | |
| King..... | 99,547 | 49,292 | 48,420 | 24,693 | 22,652 | 1,075 | 1,835 | Tacoma..... | 24,862 | 10,656 | 18,525 | 7,491 | 5,882 | 152 | 431 | | | | | | |
| Kitsap..... | 8,671 | 3,326 | 5,187 | 3,337 | 1,629 | 221 | 158 | Ward 1..... | 2,505 | 928 | 1,645 | 892 | 644 | 9 | 32 | | | | | | |
| Kittitas..... | 4,550 | 2,071 | 2,295 | 1,687 | 464 | 144 | 184 | Ward 2..... | 3,073 | 2,360 | 662 | 434 | 193 | 35 | 51 | | | | | | |
| Klickitat..... | 2,448 | 791 | 1,542 | 918 | 511 | 113 | 118 | Ward 3..... | 3,545 | 2,593 | 791 | 541 | 220 | 30 | 161 | | | | | | |
| Lewis..... | 8,792 | 3,386 | 5,235 | 3,381 | 1,726 | 128 | 191 | Ward 4..... | 4,393 | 1,704 | 2,006 | 1,529 | 1,042 | 35 | 83 | | | | | | |
| Lincoln..... | 3,720 | 1,601 | 2,098 | 1,394 | 676 | 28 | 21 | Ward 5..... | 4,772 | 1,348 | 3,365 | 1,939 | 1,407 | 19 | 59 | | | | | | |
| Mason..... | 1,283 | 442 | 760 | 480 | 175 | 125 | 81 | Ward 6..... | 2,343 | 631 | 1,700 | 833 | 860 | 7 | 12 | | | | | | |
| Okanogan..... | 4,631 | 1,900 | 2,920 | 1,684 | 1,169 | 67 | 111 | Ward 7..... | 2,198 | 657 | 1,516 | 708 | 802 | 6 | 25 | | | | | | |
| Pacific..... | 3,705 | 1,798 | 1,780 | 1,396 | 288 | 96 | 127 | Ward 8..... | 1,833 | 435 | 1,340 | 615 | 714 | 11 | 58 | | | | | | |
| Pend Oreille..... | 1,604 | 758 | 835 | 500 | 325 | 10 | 11 | Vancouver..... | 3,146 | 1,580 | 1,496 | 899 | 585 | 12 | 70 | | | | | | |
| Pierce..... | 35,722 | 14,755 | 20,178 | 12,020 | 7,904 | 254 | 789 | Walla Walla..... | 3,687 | 1,851 | 1,789 | 1,186 | 535 | 48 | 67 | | | | | | |
| San Juan..... | 1,030 | 295 | 680 | 470 | 182 | 28 | 55 | Yakima..... | 4,418 | 1,866 | 1,136 | 1,075 | 168 | 173 | 173 | | | | | | |
| Skagit..... | 8,222 | 3,189 | 4,768 | 3,084 | 1,600 | 84 | 265 | | | | | | | | | | | | | | |
| Skamania..... | 634 | 231 | 402 | 276 | 124 | 2 | 1 | | | | | | | | | | | | | | |

COMPOSITION AND CHARACTERISTICS.

45

TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920.

[Population 10 years of age and over—Total, 1,101,929; males, 605,288; females, 496,841. Persons gainfully occupied—Total, 578,667; males, 485,767; females, 92,900. Per cent of persons 10 years of age and over gainfully occupied—Total, 52.5; males, 80.3; females, 18.7.]

| SEX AND OCCUPATION. | Total. | COLOR OR RACE, NATIVITY, AND PARENTAGE. | | | | AGE PERIODS. | | | | | | |
|---|----------------|---|------------------------------|---------------------|--------------|----------------------------------|-----------------|------------------|-----------------|--|-----------------|---------------|
| | | Native white. | | Foreign-born white. | Negro. | Ind., Chi., Jap., and all other. | 10 to 17 years. | 18 and 19 years. | 20 to 24 years. | 25 to 44 years (includes age unknown). | 45 to 64 years. | |
| | | Native parent-age. | Foreign or mixed parent-age. | | | | | | | | | |
| MALES. | 485,767 | 224,895 | 107,839 | 136,812 | 3,223 | 12,998 | 13,821 | 15,575 | 50,186 | 1 246,490 | 138,567 | 21,128 |
| Agriculture, forestry, and animal husbandry. | 127,720 | 58,785 | 26,155 | 38,347 | 247 | 3,186 | 3,636 | 4,158 | 12,646 | 57,468 | 41,243 | 8,569 |
| Dairy farm laborers. | 1,751 | 574 | 553 | 536 | 4 | 84 | 207 | 178 | 359 | 778 | 195 | 34 |
| Dairy farmers. | 3,930 | 1,236 | 766 | 1,825 | 5 | 98 | 10 | 116 | 1,809 | 1,737 | 223 | 258 |
| Farm foremen, general farms. | 747 | 438 | 188 | 135 | 1 | 7 | 11 | 80 | 402 | 121 | 56 | 31 |
| Farm laborers (home farm). | 4,417 | 2,225 | 1,806 | 327 | 12 | 47 | 1,258 | 752 | 1,200 | 970 | 4,192 | 950 |
| Farm laborers (working out). | 20,909 | 11,799 | 4,588 | 3,824 | 73 | 645 | 1,119 | 1,605 | 21,464 | 21,582 | 4,939 | 234 |
| Farmers, general farms. | 50,164 | 24,494 | 10,026 | 14,798 | 90 | 756 | 182 | 1,987 | 2,933 | 1,254 | 201 | 37 |
| Fishermen and oystermen. | 4,911 | 796 | 617 | 3,186 | 4 | 368 | 53 | 80 | 357 | 199 | 148 | 28 |
| Florists, landscape gardeners, and nurserymen. | 454 | 133 | 76 | 217 | 3 | 25 | 3 | 14 | 21 | 173 | 530 | 154 |
| Foresters, forest rangers, and timber cruisers. | 312 | 194 | 71 | 45 | 2 | 2 | 4 | 13 | 342 | 383 | 2,610 | 597 |
| Fruit growers. | 5,236 | 3,000 | 981 | 1,112 | 8 | 125 | 40 | 21 | 65 | 342 | 722 | 342 |
| Garden laborers. | 975 | 243 | 129 | 417 | 9 | 177 | 5 | 40 | 5 | 109 | 826 | 446 |
| Gardeners. | 1,844 | 674 | 233 | 591 | 2 | 344 | 5 | 40 | 5 | 109 | 826 | 446 |
| Lumbermen, raftsmen, and woodchoppers: | | | | | | | | | | | | |
| Foremen and overseers. | 770 | 369 | 177 | 217 | 2 | 5 | 5 | 8 | 40 | 505 | 209 | 8 |
| Teamsters and haulers. | 522 | 309 | 124 | 82 | 1 | 6 | 12 | 20 | 96 | 268 | 117 | 9 |
| Other lumbermen, raftsmen, and woodchoppers. | 23,079 | 8,911 | 4,324 | 9,458 | 20 | 366 | 667 | 943 | 3,062 | 12,751 | 5,168 | 488 |
| Orchard and nursery laborers. | 2,201 | 1,490 | 447 | 224 | 4 | 46 | 171 | 207 | 414 | 916 | 405 | 88 |
| Owners and proprietors of log and timber camps. | 483 | 241 | 135 | 104 | 3 | 3 | 1 | 7 | 252 | 205 | 118 | 18 |
| Poultry raisers. | 936 | 388 | 188 | 350 | 1 | 11 | 1 | 19 | 352 | 446 | 271 | 37 |
| Stock herders, drovers, and feeders. | 1,186 | 649 | 208 | 312 | 4 | 13 | 69 | 61 | 188 | 560 | 599 | 85 |
| Stock raisers. | 1,372 | 797 | 257 | 286 | 1 | 31 | 3 | 3 | 45 | 640 | 446 | 58 |
| All other occupations. | 1,521 | 839 | 301 | 351 | 3 | 27 | 40 | 42 | 109 | 826 | 446 | 58 |
| Extraction of minerals. | 8,808 | 1,760 | 1,593 | 5,318 | 101 | 37 | 137 | 181 | 641 | 4,706 | 2,800 | 344 |
| Coal mine operatives. | 5,454 | 613 | 875 | 3,853 | 90 | 23 | 115 | 144 | 466 | 3,168 | 1,429 | 132 |
| Gold and silver mine operatives. | 1,151 | 369 | 267 | 507 | 2 | 6 | 3 | 9 | 24 | 442 | 571 | 102 |
| Operators, officials, and managers. | 398 | 201 | 86 | 110 | 1 | 1 | 2 | 6 | 147 | 207 | 36 | 74 |
| All other occupations. | 1,808 | 577 | 365 | 848 | 8 | 8 | 19 | 26 | 145 | 949 | 593 | 74 |
| Manufacturing and mechanical industries. | 168,566 | 72,784 | 38,108 | 53,039 | 821 | 3,814 | 4,907 | 6,070 | 18,363 | 87,772 | 45,510 | 5,944 |
| Apprentices: | | | | | | | | | | | | |
| Machinists' apprentices ² . | 445 | 218 | 179 | 50 | 3 | 244 | 116 | 70 | 11 | 4 | 1 | 1 |
| Other apprentices. | 1,145 | 598 | 423 | 117 | 4 | 727 | 224 | 124 | 61 | 8 | 29 | 29 |
| Bakers. | 1,366 | 351 | 299 | 698 | 5 | 13 | 25 | 42 | 181 | 846 | 283 | 203 |
| Blacksmiths. | 3,491 | 1,270 | 725 | 1,480 | 9 | 7 | 24 | 168 | 1,801 | 1,305 | 397 | 26 |
| Boiler makers. | 2,220 | 961 | 642 | 606 | 8 | 3 | 55 | 281 | 1,462 | 444 | 454 | 101 |
| Brick and stone masons. | 1,027 | 371 | 206 | 442 | 5 | 12 | 6 | 22 | 444 | 827 | 974 | 103 |
| Builders and building contractors. | 1,929 | 828 | 426 | 657 | 6 | 12 | 1 | 24 | 329 | 281 | 55 | 55 |
| Cabinetmakers. | 717 | 168 | 109 | 437 | 2 | 1 | 12 | 40 | 883 | 9,157 | 8,067 | 1,409 |
| Carpenters. | 19,767 | 8,295 | 3,919 | 7,453 | 45 | 55 | 62 | 189 | 41 | 883 | 467 | 46 |
| Compositors, linotypers, and typesetters. | 1,615 | 904 | 441 | 246 | 3 | 21 | 8 | 15 | 68 | 444 | 150 | 7 |
| Cranemen, derrickmen, hoistmen, etc. | 685 | 308 | 185 | 186 | 2 | 4 | 1 | 15 | 213 | 2,653 | 470 | 18 |
| Electricians. | 3,878 | 2,270 | 1,075 | 517 | 8 | 8 | 38 | 104 | 611 | 4,043 | 2,045 | 214 |
| Engineers (stationary). | 7,105 | 3,842 | 1,986 | 1,524 | 18 | 25 | 5 | 9 | 40 | 499 | 396 | 38 |
| Filers (metal). | 987 | 460 | 249 | 277 | 1 | 28 | 28 | 30 | 97 | 361 | 1,296 | 80 |
| Firemen (except locomotive and fire department). | 2,612 | 1,183 | 572 | 830 | 19 | 1 | 28 | 30 | 17 | 143 | 1,862 | 889 |
| Foremen and overseers (manufacturing). | 2,952 | 1,308 | 749 | 843 | 2 | 50 | 50 | 50 | 14 | 82 | 293 | 50 |
| Forgemen, hammermen, and welders. | 441 | 209 | 127 | 101 | 1 | 3 | 5 | 159 | 78 | 46 | 34 | 21 |
| Heaters. | 327 | 161 | 111 | 49 | 1 | 1 | 5 | 159 | 102 | 558 | 196 | 22 |
| Iron molders, founders, and casters. | 895 | 278 | 271 | 326 | 11 | 9 | 9 | 18 | 6 | 53 | 212 | 171 |
| Jewelers and watchmakers (not in factory). | 464 | 192 | 121 | 135 | 16 | 16 | 16 | 16 | 6 | 53 | 212 | 22 |
| Laborers (not otherwise specified): | | | | | | | | | | | | |
| Building, general, and not specified laborers. | 12,345 | 5,056 | 2,176 | 4,397 | 209 | 507 | 398 | 499 | 1,300 | 5,391 | 4,017 | 740 |
| Clay, glass, and stone industries. | 729 | 219 | 101 | 398 | 9 | 2 | 26 | 31 | 82 | 412 | 161 | 17 |
| Food industries: | | | | | | | | | | | | |
| Fish curing and packing. | 517 | 106 | 58 | 107 | 6 | 240 | 20 | 24 | 47 | 212 | 184 | 28 |
| Flour and grain mills. | 594 | 335 | 118 | 137 | 1 | 3 | 12 | 21 | 76 | 333 | 132 | 26 |
| Fruit and vegetable canning, etc. | 506 | 234 | 76 | 63 | 4 | 129 | 31 | 29 | 67 | 195 | 168 | 19 |
| Other food industries. | 812 | 361 | 178 | 247 | 16 | 10 | 64 | 74 | 123 | 354 | 241 | 23 |
| Helpers in building and hand trades. | 927 | 402 | 215 | 299 | 7 | 4 | 78 | 74 | 135 | 376 | 241 | 23 |
| Iron and steel industries: | | | | | | | | | | | | |
| Blast furnaces and steel rolling mills ³ . | 404 | 110 | 73 | 257 | 23 | 1 | 9 | 19 | 47 | 280 | 101 | 8 |
| Car and railroad shops. | 587 | 254 | 104 | 218 | 3 | 8 | 29 | 17 | 41 | 312 | 165 | 217 |
| Ship and boat building. | 5,960 | 1,937 | 1,386 | 2,517 | 51 | 98 | 307 | 347 | 871 | 2,810 | 1,417 | 263 |
| Other iron and steel industries. | 1,042 | 263 | 158 | 579 | 11 | 31 | 35 | 34 | 118 | 565 | 263 | 27 |
| Lumber and furniture industries: | | | | | | | | | | | | |
| Saw and planing mills ⁴ . | 18,468 | 6,641 | 3,006 | 7,052 | 34 | 1,735 | 890 | 970 | 2,556 | 9,439 | 4,106 | 507 |
| Other lumber and furniture industries. | 487 | 181 | 80 | 195 | 4 | 7 | 54 | 32 | 57 | 211 | 193 | 25 |
| Paper and pulp mills. | 708 | 380 | 125 | 182 | 4 | 17 | 23 | 40 | 109 | 313 | 662 | 43 |
| Other industries. | 3,108 | 1,310 | 694 | 1,049 | 26 | 29 | 239 | 198 | 419 | 1,428 | 728 | 96 |
| Machinists. | 9,288 | 4,383 | 2,641 | 2,217 | 32 | 15 | 381 | 1,474 | 5,505 | 1,780 | 1,778 | 148 |
| Managers and superintendents (manufacturing). | 2,767 | 1,480 | 728 | 550 | 9 | 9 | 7 | 92 | 1,294 | 1,080 | 1,322 | 132 |
| Manufacturers. | 2,589 | 1,173 | 662 | 744 | 1 | 9 | 10 | 73 | 3,451 | 3,970 | 662 | 15 |
| Mechanics (not otherwise specified). | 6,500 | 3,837 | 1,656 | 947 | 31 | 29 | 374 | 1,294 | 3,670 | 207 | 134 | 83 |
| Millers (grain, flour, feed, etc.). | 375 | 174 | 98 | 101 | 1 | 1 | 3 | 16 | 41 | 621 | 670 | 83 |
| Millwrights. | 1,424 | 692 | 327 | 402 | 3 | 3 | 9 | 41 | 6 | 243 | 223 | 22 |
| Officers (manufacturing). | 496 | 287 | 130 | 109 | 11 | 13 | 37 | 92 | 155 | 1,810 | 1,335 | 195 |
| Oilers of machinery. | 427 | 206 | 94 | 116 | 14 | 12 | 9 | 32 | 155 | 497 | 282 | 22 |
| Painters, glaziers, and varnishers (building). | 3,539 | 1,689 | 762 | 1,082 | 4 | 3 | 17 | 15 | 69 | 367 | 280 | 45 |
| Painters, glaziers, and varnishers (factory). | 902 | 420 | 184 | 291 | 4 | 3 | 6 | 26 | 28 | 377 | 799 | 37 |
| Plasterers and cement finishers. | 724 | 300 | 147 | 265 | 11 | 1 | 5 | 10 | 59 | 329 | 2,040 | 584 |
| Plumbers and gas and steam fitters. | 3,204 | 1,518 | 1,060 | 671 | 2 | 32 | 81 | 280 | 1,837 | 1,837 | 584 | 35 |
| Sawyers. | 2,817 | 1,350 | 713 | 720 | 2 | 32 | 81 | 280 | 1,837 | 1,837 | 584 | 35 |

¹ Includes 1,813 males of unknown age.

² Many of the "Machinists' apprentices" probably are machine tenders.

³ Includes tinplate mills.

⁴ Includes box factories (wood).

POPULATION—WASHINGTON.

TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

| SEX AND OCCUPATION. | Total. | COLOR OR RACE, NATIVITY, AND PARENTAGE. | | | | | AGE PERIODS. | | | | | | | | | | | | | |
|---|--------|---|-----------------------------|---------------------|--------|----------------------------------|-----------------|------------------|-----------------|--|-----------------|-----------------|--------------------|--|--|--|--|--|--|--|
| | | Native white. | | Foreign-born white. | Negro. | Ind., Chi., Jap., and all other. | 10 to 17 years. | 18 and 19 years. | 20 to 24 years. | 25 to 44 years (includes age unknown). | | 45 to 64 years. | 65 years and over. | | | | | | | |
| | | Native parentage. | Foreign or mixed parentage. | | | | | | | 18 and 19 years. | 20 to 24 years. | | | | | | | | | |
| MALES—Continued. | | | | | | | | | | | | | | | | | | | | |
| Manufacturing and mechanical industries—Con. | | | | | | | | | | | | | | | | | | | | |
| Semiskilled operatives (not otherwise specified): | | | | | | | | | | | | | | | | | | | | |
| Food industries— | | | | | | | | | | | | | | | | | | | | |
| Slaughter and packing houses..... | 420 | 150 | 92 | 177 | 7 | 4 | 21 | 13 | 57 | 240 | 89 | 10 | | | | | | | | |
| Other food industries..... | 1,620 | 813 | 341 | 345 | 4 | 117 | 107 | 81 | 217 | 877 | 309 | 29 | | | | | | | | |
| Iron and steel industries— | | | | | | | | | | | | | | | | | | | | |
| Automobile factories..... | 439 | 230 | 129 | 71 | 3 | 6 | 13 | 28 | 88 | 246 | 55 | 9 | | | | | | | | |
| Car and railroad shops..... | 1,550 | 848 | 414 | 614 | 2 | 4 | 52 | 50 | 181 | 601 | 614 | 52 | | | | | | | | |
| Ship and boat building..... | 8,452 | 3,361 | 2,274 | 2,721 | 40 | 56 | 489 | 540 | 1,352 | 4,450 | 1,488 | 124 | | | | | | | | |
| Other iron and steel industries..... | 1,261 | 550 | 330 | 370 | 9 | 2 | 53 | 78 | 192 | 622 | 298 | 18 | | | | | | | | |
| Lumber and furniture industries— | | | | | | | | | | | | | | | | | | | | |
| Saw and planing mills..... | 6,327 | 3,068 | 1,512 | 1,512 | 5 | 230 | 250 | 277 | 885 | 3,534 | 1,281 | 100 | | | | | | | | |
| Other lumber and furniture industries..... | 609 | 239 | 174 | 189 | 1 | 7 | 35 | 25 | 75 | 267 | 173 | 34 | | | | | | | | |
| Paper and pulp mills..... | 434 | 221 | 128 | 84 | 1 | 20 | 20 | 23 | 82 | 220 | 74 | 6 | | | | | | | | |
| Other industries..... | 4,195 | 1,836 | 1,053 | 1,171 | 52 | 33 | 224 | 167 | 466 | 2,240 | 951 | 147 | | | | | | | | |
| Shoemakers and cobblers (not in factory)..... | 1,218 | 299 | 147 | 733 | 10 | 29 | 11 | 11 | 67 | 522 | 436 | 171 | | | | | | | | |
| Tailors..... | 1,576 | 204 | 162 | 1,097 | 18 | 95 | 2 | 11 | 60 | 904 | 523 | 76 | | | | | | | | |
| Tinsmiths and sheet metal workers..... | 863 | 384 | 274 | 198 | 4 | 3 | 35 | 119 | 454 | 216 | 39 | 39 | | | | | | | | |
| All other occupations..... | 2,839 | 1,132 | 819 | 871 | 8 | 9 | 22 | 85 | 299 | 1,597 | 757 | 79 | | | | | | | | |
| Transportation..... | 49,634 | 23,618 | 10,854 | 13,368 | 527 | 1,467 | 1,196 | 1,776 | 5,617 | 27,242 | 12,725 | 1,278 | | | | | | | | |
| Brakemen..... | 1,963 | 1,270 | 495 | 106 | 1 | 1 | 35 | 219 | 1,465 | 237 | 7 | | | | | | | | | |
| Captains, masters, mates, and pilots..... | 1,138 | 401 | 250 | 484 | 1 | 2 | 13 | 81 | 617 | 395 | 32 | | | | | | | | | |
| Chauffeurs..... | 2,572 | 1,438 | 676 | 362 | 43 | 53 | 81 | 108 | 629 | 1,404 | 278 | 12 | | | | | | | | |
| Conductors (steam railroad)..... | 1,013 | 629 | 252 | 102 | 1 | 2 | 2 | 14 | 621 | 367 | 9 | | | | | | | | | |
| Conductors (street railroad)..... | 1,044 | 607 | 242 | 105 | 1 | 2 | 27 | 136 | 670 | 202 | 7 | | | | | | | | | |
| Draymen, teamsters, and expressmen ¹ | 7,773 | 4,640 | 1,884 | 1,145 | 48 | 56 | 241 | 337 | 1,310 | 4,087 | 1,585 | 163 | | | | | | | | |
| Express messengers and railway mail clerks..... | 401 | 282 | 94 | 25 | 1 | 1 | 11 | 30 | 274 | 85 | 1 | | | | | | | | | |
| Foremen and overseers (steam railroad)..... | 1,367 | 457 | 239 | 533 | 1 | 57 | 1 | 5 | 49 | 660 | 611 | 42 | | | | | | | | |
| Foremen and overseers (other transportation industries)..... | 763 | 371 | 170 | 221 | 1 | 1 | 4 | 24 | 443 | 269 | 23 | | | | | | | | | |
| Garage keepers and managers..... | 794 | 485 | 170 | 129 | 5 | 5 | 1 | 4 | 53 | 555 | 176 | 6 | | | | | | | | |
| Inspectors (steam railroad)..... | 462 | 231 | 124 | 107 | 1 | 1 | 3 | 20 | 276 | 167 | 5 | | | | | | | | | |
| Laborers: | | | | | | | | | | | | | | | | | | | | |
| Garage..... | 455 | 258 | 128 | 50 | 8 | 11 | 58 | 56 | 94 | 183 | 56 | 8 | | | | | | | | |
| Road and street building and repairing..... | 2,240 | 819 | 403 | 979 | 26 | 61 | 61 | 69 | 188 | 1,037 | 780 | 125 | | | | | | | | |
| Steam railroad..... | 8,230 | 2,040 | 1,041 | 3,881 | 157 | 1,111 | 262 | 318 | 778 | 3,790 | 2,682 | 400 | | | | | | | | |
| Other transportation industries..... | 763 | 267 | 138 | 336 | 13 | 9 | 12 | 24 | 61 | 350 | 277 | 39 | | | | | | | | |
| Locomotive engineers..... | 2,039 | 1,129 | 544 | 365 | 1 | 1 | 1 | 64 | 1,317 | 613 | 45 | | | | | | | | | |
| Locomotive firemen..... | 1,533 | 914 | 438 | 221 | 4 | 6 | 87 | 372 | 1,042 | 79 | 3 | | | | | | | | | |
| Longshoremen and stevedores..... | 3,307 | 1,057 | 663 | 1,374 | 154 | 29 | 10 | 25 | 145 | 2,156 | 939 | 32 | | | | | | | | |
| Mail carriers..... | 1,065 | 653 | 287 | 105 | 17 | 3 | 22 | 20 | 95 | 565 | 328 | 35 | | | | | | | | |
| Motormen (street railroad)..... | 1,267 | 743 | 277 | 246 | 1 | 1 | 7 | 124 | 792 | 338 | 5 | | | | | | | | | |
| Officials and superintendents (steam railroad)..... | 542 | 299 | 147 | 96 | 1 | 1 | 2 | 12 | 268 | 252 | 8 | | | | | | | | | |
| Proprietors, officials, and managers of transfer companies..... | 549 | 311 | 124 | 101 | 4 | 9 | 3 | 35 | 300 | 185 | 17 | | | | | | | | | |
| Proprietors, officials, and managers (not otherwise specified)..... | 328 | 173 | 92 | 56 | 7 | 1 | 1 | 11 | 102 | 112 | 12 | | | | | | | | | |
| Sailors and deck hands..... | 2,609 | 835 | 546 | 1,162 | 25 | 41 | 162 | 320 | 497 | 1,172 | 414 | 44 | | | | | | | | |
| Switchmen and flagmen (steam railroad)..... | 1,336 | 795 | 353 | 185 | 1 | 2 | 4 | 16 | 93 | 791 | 349 | 83 | | | | | | | | |
| Telegraph and telephone linemen..... | 509 | 368 | 125 | 76 | 1 | 1 | 8 | 19 | 52 | 349 | 78 | 3 | | | | | | | | |
| Telegraph operators..... | 1,034 | 646 | 284 | 101 | 1 | 2 | 17 | 44 | 190 | 566 | 203 | 14 | | | | | | | | |
| Ticket and station agents..... | 348 | 224 | 87 | 37 | 1 | 1 | 1 | 4 | 11 | 229 | 97 | 6 | | | | | | | | |
| All other occupations..... | 2,340 | 1,276 | 551 | 448 | 17 | 48 | 253 | 102 | 230 | 1,002 | 601 | 92 | | | | | | | | |
| Trade..... | 55,727 | 28,663 | 14,089 | 11,484 | 137 | 1,344 | 2,051 | 1,311 | 5,016 | 29,682 | 15,807 | 1,880 | | | | | | | | |
| Bankers, brokers, and money lenders: | | | | | | | | | | | | | | | | | | | | |
| Bankers and bank officials..... | 1,112 | 676 | 273 | 150 | 13 | 1 | 44 | 656 | 373 | 39 | | | | | | | | | | |
| Commercial brokers and commission men..... | 453 | 275 | 112 | 87 | 9 | 1 | 272 | 181 | 17 | | | | | | | | | | | |
| Stockbrokers..... | 577 | 356 | 137 | 83 | 1 | 1 | 41 | 325 | 192 | 19 | | | | | | | | | | |
| Other brokers and money lenders..... | 427 | 235 | 101 | 84 | 7 | 1 | 11 | 175 | 203 | 38 | | | | | | | | | | |
| Clerks in stores ² | 3,427 | 1,745 | 903 | 559 | 8 | 132 | 280 | 278 | 724 | 1,573 | 505 | 61 | | | | | | | | |
| Commercial travelers..... | 2,159 | 1,255 | 586 | 308 | 3 | 7 | 15 | 138 | 1,314 | 660 | 82 | | | | | | | | | |
| Deliverymen..... | 2,477 | 1,387 | 665 | 402 | 5 | 18 | 167 | 191 | 455 | 1,321 | 330 | 13 | | | | | | | | |
| Floorwalkers, foremen, and overseers..... | 447 | 248 | 105 | 92 | 1 | 1 | 3 | 25 | 273 | 139 | 7 | | | | | | | | | |
| Insurance agents..... | 1,544 | 935 | 367 | 239 | 1 | 2 | 5 | 87 | 860 | 507 | 85 | | | | | | | | | |
| Laborers (lumberyards)..... | 761 | 293 | 125 | 289 | 1 | 1 | 26 | 33 | 82 | 395 | 199 | 26 | | | | | | | | |
| Laborers (warehouses)..... | 502 | 222 | 102 | 106 | 2 | 16 | 29 | 76 | 255 | 115 | 11 | | | | | | | | | |
| Laborers, porters, and helpers in stores..... | 1,344 | 520 | 204 | 341 | 52 | 137 | 127 | 63 | 129 | 600 | 329 | 36 | | | | | | | | |
| Meat cutters..... | 713 | 309 | 247 | 153 | 2 | 2 | 7 | 21 | 94 | 430 | 152 | 9 | | | | | | | | |
| Newspboys..... | 1,012 | 616 | 334 | 58 | 4 | 1 | 912 | 20 | 22 | 32 | 20 | 6 | | | | | | | | |
| Proprietors, officials, and managers (not otherwise specified)..... | 812 | 480 | 202 | 121 | 9 | 1 | 3 | 40 | 481 | 266 | 22 | | | | | | | | | |
| Real estate agents and officials..... | 3,233 | 1,948 | 732 | 620 | 9 | 24 | 6 | 6 | 1,198 | 1,742 | 323 | | | | | | | | | |
| Retail dealers ³ | 17,650 | 7,554 | 4,094 | 5,098 | 31 | 575 | 20 | 76 | 722 | 0,479 | 6,528 | 826 | | | | | | | | |
| Sales agents..... | 356 | 203 | 106 | 46 | 1 | 27 | 6 | 27 | 211 | 100 | 12 | | | | | | | | | |
| Salesmen (stores)..... | 13,708 | 7,534 | 3,804 | 2,083 | 11 | 276 | 427 | 402 | 1,077 | 8,152 | 2,444 | 216 | | | | | | | | |
| Wholesale dealers, importers, and exporters..... | 1,173 | 560 | 235 | 250 | 1 | 67 | 6 | 54 | 719 | 363 | 31 | | | | | | | | | |
| All other occupations..... | 1,710 | 952 | 425 | 317 | 8 | 8 | 63 | 64 | 191 | 881 | 459 | 52 | | | | | | | | |
| Public service (not elsewhere classified)..... | 12,471 | 7,258 | 2,680 | 2,385 | 82 | 66 | 153 | 542 | 1,776 | 5,826 | 3,453 | 721 | | | | | | | | |
| Firemen (fire department)..... | 1,032 | 620 | 310 | 102 | 1 | 1 | 11 | 107 | 775 | 133 | 6 | | | | | | | | | |
| Guards, watchmen, and doorkeepers..... | 1,704 | 787 | 335 | 558 | 14 | 10 | 10 | 29 | 324 | 989 | 342 | | | | | | | | | |
| Laborers (public service)..... | 1,378 | 522 | 228 | 576 | 40 | 14 | 28 | 35 | 120 | 539 | 542 | 114 | | | | | | | | |
| Marshals, sheriffs, detectives, etc. | 532 | 318 | 138 | 75 | 1 | 1 | 5 | 16 | 219 | 240 | 52 | | | | | | | | | |
| Officials and inspectors (city and county)..... | 879 | 525 | 195 | 156 | 3 | 1 | 25 | 327 | 448 | | | | | | | | | | | |

¹ Includes box factories (wood).² Teamsters in agriculture, forestry, and the extraction of minerals are classified with the other workers in those industries, respectively; and drivers for bakeries and laundries are classified with deliverymen in trade.³ Many of the "Clerks in stores" probably are "Salesmen."⁴ Includes, also, managers and superintendents of retail stores.

COMPOSITION AND CHARACTERISTICS.

47

TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

| SEX AND OCCUPATION. | Total. | COLOR OR RACE, NATIVITY, AND PARENTAGE. | | | | | AGE PERIODS. | | | | | |
|---|--------|---|------------------------------|---------------------|--------|----------------------------------|-----------------|------------------|-----------------|--|-----------------|--------------------|
| | | Native white. | | Foreign-born white. | Negro. | Ind., Chi., Jap., and all other. | 10 to 17 years. | 18 and 19 years. | 20 to 24 years. | 25 to 44 years (includes age unknown). | 45 to 64 years. | 65 years and over. |
| | | Native parent-age. | Foreign or mixed parent-age. | | | | | | | | | |
| MALES—Continued. | | | | | | | | | | | | |
| Public service (not elsewhere classified)—Con. | | | | | | | | | | | | |
| Policemen..... | 842 | 479 | 219 | 128 | 4 | 12 | | 1 | 16 | 521 | 273 | 31 |
| Postmasters..... | 323 | 222 | 60 | 41 | | | | 1 | 7 | 133 | 153 | 23 |
| Soldiers, sailors, and marines..... | 4,375 | 2,932 | 874 | 533 | 14 | 22 | 100 | 473 | 1,383 | 2,199 | 215 | 5 |
| United States officials (except postmasters)..... | 881 | 576 | 195 | 103 | 2 | 5 | | | 41 | 547 | 258 | 35 |
| All other occupations..... | 525 | 277 | 128 | 113 | 4 | 3 | 15 | 6 | 32 | 242 | 202 | 28 |
| Professional service..... | 19,235 | 11,257 | 4,439 | 3,245 | 98 | 196 | 106 | 172 | 1,836 | 10,879 | 5,952 | 700 |
| Architects..... | 342 | 177 | 76 | 87 | 2 | | | | | 11 | 198 | 114 |
| Civil engineers and surveyors..... | 1,830 | 1,159 | 440 | 231 | | | | | | 154 | 1,191 | 429 |
| Clergymen..... | 1,607 | 727 | 201 | 577 | 27 | 15 | | | | 651 | 738 | 172 |
| College presidents and professors ¹ | 445 | 261 | 108 | 75 | | 1 | | | | 46 | 142 | 5 |
| Dentists..... | 1,022 | 635 | 265 | 99 | 3 | 20 | | | | 60 | 701 | 234 |
| Draftsmen..... | 510 | 273 | 151 | 95 | | | | | | 15 | 334 | 62 |
| Editors and reporters..... | 514 | 323 | 113 | 58 | 2 | 18 | | | | 6 | 296 | 154 |
| Electrical engineers..... | 553 | 324 | 152 | 75 | 1 | | | | | 44 | 428 | 76 |
| Lawyers, judges, and justices..... | 2,208 | 1,502 | 513 | 191 | 2 | | | | | 19 | 1,104 | 968 |
| Mechanical engineers..... | 1,054 | 554 | 296 | 204 | | | | | | 98 | 642 | 292 |
| Mining engineers..... | 287 | 163 | 76 | 48 | | | | | | 10 | 159 | 13 |
| Musicians and teachers of music..... | 1,054 | 496 | 266 | 261 | 6 | | 23 | 42 | | 153 | 596 | 217 |
| Photographers..... | 519 | 260 | 117 | 116 | | | 5 | 10 | | 26 | 805 | 142 |
| Physicians and surgeons..... | 1,809 | 1,114 | 324 | 338 | 8 | | 25 | 10 | | 8 | 874 | 830 |
| Showmen..... | 324 | 198 | 87 | 28 | 4 | | 9 | 8 | | 59 | 210 | 24 |
| Teachers (school)..... | 1,095 | 1,364 | 447 | 172 | 4 | | 8 | 4 | | 16 | 1,240 | 470 |
| All other occupations..... | 3,153 | 1,729 | 747 | 590 | 20 | 67 | 66 | 62 | | 248 | 1,671 | 955 |
| Domestic and personal service..... | 21,227 | 7,734 | 3,602 | 6,197 | 1,159 | 2,635 | 426 | 420 | 1,383 | 11,244 | 6,630 | 1,124 |
| Barbers, hairdressers, and manicurists..... | 2,078 | 1,523 | 622 | 613 | 92 | 123 | 10 | 18 | 146 | 1,867 | 868 | 64 |
| Billiard and pool room keepers..... | 496 | 215 | 109 | 144 | 14 | 14 | | 1 | 21 | 297 | 157 | 20 |
| Boarding and lodging house keepers..... | 421 | 157 | 65 | 132 | 8 | 59 | | 1 | 3 | 150 | 209 | 58 |
| Hotel keepers and managers..... | 1,349 | 431 | 221 | 385 | 11 | 301 | | | 1 | 21 | 643 | 609 |
| Janitors and sextons..... | 2,571 | 961 | 371 | 924 | 231 | 84 | 57 | 40 | 58 | 728 | 1,218 | 470 |
| Laundry operatives..... | 904 | 294 | 140 | 145 | 5 | 320 | 29 | 25 | 77 | 497 | 258 | 18 |
| Porters (except in stores)..... | 567 | 82 | 41 | 57 | | 286 | 101 | 7 | 6 | 57 | 315 | 163 |
| Restaurant, café, and lunch room keepers..... | 1,118 | 388 | 170 | 418 | 9 | 133 | | | 5 | 44 | 679 | 369 |
| Servants..... | 6,421 | 2,021 | 996 | 2,052 | 204 | 1,148 | 187 | 176 | 544 | 3,607 | 1,701 | 206 |
| Waiters..... | 1,615 | 473 | 243 | 459 | 227 | 213 | 39 | 73 | 198 | 1,063 | 238 | 14 |
| All other occupations..... | 2,792 | 1,189 | 524 | 868 | 72 | 139 | 97 | 74 | 214 | 1,408 | 840 | 150 |
| Clerical occupations..... | 22,178 | 12,036 | 6,409 | 3,429 | 51 | 253 | 1,209 | 945 | 3,408 | 11,691 | 4,447 | 478 |
| Accountants and auditors..... | 1,976 | 1,102 | 482 | 301 | | 1 | | | 14 | 127 | 1,236 | 540 |
| Agents..... | 2,099 | 1,235 | 557 | 292 | 2 | 13 | 8 | 17 | 158 | 1,307 | 562 | 47 |
| Bookkeepers and cashiers..... | 4,395 | 2,351 | 1,306 | 678 | 3 | 57 | 43 | 47 | 147 | 795 | 2,521 | 94 |
| Canvassers and collectors..... | 528 | 323 | 146 | 59 | | | 15 | 22 | 68 | 241 | 146 | 36 |
| Clerks (except clerks in stores)..... | 11,643 | 6,221 | 3,333 | 1,881 | 39 | 160 | 309 | 610 | 1,991 | 6,067 | 2,335 | 241 |
| Messenger, bundle, and office boys ¹ | 920 | 404 | 365 | 74 | 7 | 10 | 725 | 90 | 46 | 36 | 18 | 5 |
| Stenographers and typists..... | 617 | 340 | 220 | 54 | | 3 | 10 | 45 | 223 | 283 | 42 | 5 |
| FEMALES..... | 92,900 | 47,248 | 28,721 | 14,881 | 924 | 1,146 | 4,805 | 7,723 | 19,839 | 442,873 | 16,031 | 1,629 |
| Agriculture, forestry, and animal husbandry..... | 3,806 | 1,662 | 747 | 1,106 | 10 | 281 | 151 | 88 | 171 | 1,315 | 1,715 | 355 |
| Dairy farm, farm, and stock farm laborers..... | 728 | 287 | 104 | 174 | 1 | 102 | 115 | 61 | 83 | 298 | 154 | 17 |
| Farmers, general farms..... | 1,879 | 840 | 348 | 651 | 6 | 34 | | | 18 | 565 | 1,056 | 240 |
| Gardeners, florists, fruit growers, and nurserymen..... | 366 | 184 | 95 | 72 | 1 | 14 | | | 7 | 114 | 200 | 45 |
| All other occupations..... | 833 | 351 | 140 | 209 | 2 | 131 | 86 | 38 | 63 | 338 | 305 | 53 |
| Extraction of minerals (all occupations)..... | 12 | 8 | 2 | 2 | | | 1 | | 1 | 4 | 6 | ----- |
| Manufacturing and mechanical industries..... | 10,973 | 5,312 | 3,329 | 2,097 | 76 | 159 | 925 | 887 | 1,527 | 4,998 | 2,423 | 213 ^a |
| Dressmakers and seamstresses (not in factory)..... | 2,982 | 1,526 | 790 | 566 | 34 | 16 | 10 | 33 | 123 | 1,416 | 1,219 | 131 |
| Laborers (not otherwise specified): | | | | | | | | | | | | |
| Food industries..... | 456 | 238 | 125 | 77 | 2 | 14 | 80 | 69 | 73 | 152 | 71 | 11 |
| Lumber and furniture industries..... | 343 | 177 | 85 | 49 | 2 | 30 | 64 | 55 | 79 | 120 | 23 | 2 |
| Other industries..... | 641 | 292 | 174 | 140 | 17 | 18 | 89 | 77 | 105 | 232 | 128 | 10 |
| Milliners and millinery dealers..... | 882 | 440 | 303 | 137 | 2 | | 18 | 41 | 162 | 491 | 155 | 15 |
| Semiskilled operatives (not otherwise specified): | | | | | | | | | | | | |
| Clothing industries..... | 1,111 | 457 | 374 | 269 | 4 | 7 | 60 | 62 | 113 | 633 | 237 | 6 |
| Food industries— | | | | | | | | | | | | |
| Candy factories..... | 383 | 423 | 343 | 116 | 1 | | 193 | 151 | 218 | 287 | 33 | 1 |
| Other food industries..... | 615 | 808 | 172 | 111 | 3 | 23 | 105 | 93 | 128 | 217 | 68 | 4 |
| Lumber and furniture industries..... | 299 | 180 | 74 | 42 | 3 | 20 | 57 | 36 | 64 | 111 | 29 | 2 |
| Textile industries..... | 314 | 141 | 99 | 68 | 1 | 5 | 34 | 25 | 63 | 118 | 67 | 9 |
| Other industries..... | 1,355 | 659 | 452 | 232 | 5 | 7 | 174 | 196 | 287 | 575 | 132 | 11 |
| Tailoresses..... | 482 | 159 | 121 | 136 | 1 | 15 | 4 | 10 | 37 | 310 | 114 | 7 |
| All other occupations..... | 660 | 334 | 217 | 104 | 2 | 3 | 37 | 39 | 95 | 338 | 147 | 4 |
| Transportation..... | 3,562 | 1,944 | 1,276 | 835 | 3 | 4 | 392 | 702 | 1,260 | 1,081 | 121 | 6 |
| Telegraph operators..... | 339 | 193 | 114 | 32 | | | 20 | 51 | 110 | 134 | 24 | ----- |
| Telephone operators..... | 2,981 | 1,625 | 1,102 | 254 | 3 | 4 | 363 | 641 | 1,108 | 817 | 46 | 6 |
| All other occupations..... | 242 | 126 | 60 | 49 | 3 | 4 | 9 | 10 | 42 | 130 | 51 | ----- |

¹ Includes only those resident in continental United States at the date of the enumeration.^a Probably includes some teachers in schools below collegiate rank.^b Except telegraph messengers.^c Includes 330 females of unknown age.

POPULATION—WASHINGTON.

TABLE 25.—TOTAL MALES AND FEMALES 10 YEARS OF AGE AND OVER ENGAGED IN EACH SELECTED OCCUPATION, CLASSIFIED BY COLOR OR RACE, NATIVITY, AND PARENTAGE, AND AGE PERIODS, FOR THE STATE: 1920—Con.

| SEX AND OCCUPATION. | Total. | COLOR OR RACE, NATIVITY, AND PARENTAGE. | | | | | AGE PERIODS. | | | | | |
|--|--------|---|------------------------------|---------------------|--------|----------------------------------|-----------------|------------------|-----------------|--|-------|-----------------|
| | | Native white. | | Foreign-born white. | Negro. | Ind., Chi., Jap., and all other. | 10 to 17 years. | 18 and 19 years. | 20 to 24 years. | 25 to 44 years (includes age unknown). | | 45 to 64 years. |
| | | Native parent-age. | Foreign or mixed parent-age. | | | | | | | | | |
| FEMALES—Continued. | | | | | | | | | | | | |
| Trade..... | 11,618 | 6,164 | 3,875 | 1,429 | 31 | 119 | 784 | 1,209 | 2,370 | 5,577 | 1,586 | 92 |
| Clerks in stores ¹ | 2,816 | 1,408 | 1,031 | 324 | 9 | 44 | 288 | 426 | 778 | 1,135 | 185 | 4 |
| Real estate agents and officials..... | 524 | 295 | 136 | 90 | 1 | 2 | ..... | 1 | 9 | 247 | 241 | 26 |
| Retail dealers ² | 1,132 | 548 | 318 | 238 | 11 | 17 | 1 | 16 | 86 | 615 | 378 | 36 |
| Saleswomen (stores)..... | 6,136 | 3,335 | 2,090 | 662 | 9 | 40 | 420 | 686 | 1,233 | 3,089 | 590 | 18 |
| All other occupations..... | 1,010 | 578 | 300 | 115 | 1 | 16 | 75 | 80 | 104 | 491 | 192 | 8 |
| Public service (not elsewhere classified)..... | 473 | 293 | 128 | 48 | 1 | 2 | ..... | 10 | 53 | 272 | 128 | 10 |
| Postmistresses..... | 223 | 147 | 57 | 19 | ..... | ..... | ..... | 8 | 21 | 129 | 59 | 8 |
| All other occupations..... | 250 | 146 | 72 | 29 | 1 | 2 | ..... | 2 | 32 | 143 | 69 | 4 |
| Professional service..... | 17,087 | 10,035 | 5,432 | 1,546 | 44 | 40 | 224 | 789 | 4,413 | 8,256 | 2,273 | 132 |
| Actors and showmen..... | 204 | 112 | 57 | 23 | 7 | 5 | 11 | 27 | 60 | 95 | 11 | ..... |
| Artists, sculptors, and teachers of art..... | 214 | 143 | 50 | 19 | 1 | 1 | 1 | 10 | 31 | 102 | 67 | 3 |
| Healers (except osteopaths and physicians and surgeons)..... | 291 | 189 | 56 | 40 | 4 | 2 | ..... | 1 | 7 | 108 | 152 | 23 |
| Librarians..... | 244 | 170 | 67 | 6 | 1 | ..... | ..... | 9 | 49 | 137 | 43 | 6 |
| Musicians and teachers of music..... | 1,464 | 909 | 418 | 130 | 6 | 1 | 29 | 65 | 269 | 853 | 234 | 14 |
| Photographers..... | 222 | 126 | 67 | 23 | 1 | ..... | 6 | 21 | 54 | 108 | 33 | ..... |
| Religious, charity, and welfare workers..... | 396 | 219 | 106 | 67 | 2 | 2 | 1 | 20 | 47 | 221 | 96 | 11 |
| Teachers (school)..... | 9,765 | 6,010 | 3,228 | 497 | 13 | 17 | 14 | 367 | 2,812 | 5,525 | 1,010 | 37 |
| Trained nurses..... | 2,558 | 1,115 | 887 | 544 | 5 | 7 | 31 | 156 | 730 | 1,314 | 310 | 17 |
| All other occupations..... | 1,739 | 1,042 | 496 | 192 | 4 | 5 | 131 | 123 | 354 | 793 | 817 | 21 |
| Domestic and personal service..... | 25,987 | 11,566 | 6,527 | 6,656 | 729 | 519 | 1,419 | 1,508 | 3,336 | 11,963 | 6,987 | 784 |
| Barbers, hairdressers, and manicurists..... | 551 | 273 | 137 | 73 | 40 | 58 | 10 | 29 | 113 | 357 | 67 | 5 |
| Boarding and lodging house keepers..... | 1,907 | 868 | 426 | 558 | 39 | 16 | ..... | ..... | 42 | 852 | 891 | 122 |
| Hotel keepers and managers..... | 676 | 317 | 171 | 152 | 12 | 24 | ..... | ..... | 32 | 339 | 272 | 18 |
| Housekeepers and stewardesses..... | 3,388 | 1,659 | 749 | 898 | 57 | 23 | 96 | 257 | 1,416 | 1,364 | 253 | ..... |
| Janitors and sextons..... | 510 | 187 | 112 | 172 | 30 | 9 | 11 | 6 | 14 | 228 | 236 | 15 |
| Laundresses (not in laundry)..... | 822 | 290 | 135 | 299 | 84 | 14 | 7 | 13 | 24 | 357 | 355 | 36 |
| Laundry operatives..... | 2,115 | 661 | 621 | 461 | 12 | 60 | 141 | 175 | 346 | 1,082 | 357 | 14 |
| Nurses (not trained)..... | 2,375 | 1,213 | 598 | 546 | 15 | 3 | ..... | 23 | 197 | 1,069 | 974 | 122 |
| Restaurant, cafe, and lunch room keepers..... | 252 | 125 | 52 | 54 | 14 | 7 | 5 | 13 | 135 | 94 | 5 | ..... |
| Servants..... | 9,169 | 3,513 | 2,310 | 2,726 | 377 | 243 | 870 | 665 | 1,229 | 4,074 | 2,142 | 189 |
| Waitresses..... | 3,674 | 1,923 | 1,077 | 598 | 27 | 49 | 335 | 449 | 972 | 1,780 | 135 | 3 |
| All other occupations..... | 530 | 237 | 139 | 119 | 22 | 13 | 45 | 47 | 97 | 234 | 100 | 7 |
| Clerical occupations..... | 19,362 | 10,284 | 7,404 | 1,642 | 30 | 22 | 909 | 2,509 | 6,708 | 8,407 | 792 | 37 |
| Accountants and auditors..... | 295 | 178 | 91 | 25 | ..... | ..... | 2 | 28 | 76 | 166 | 23 | 2 |
| Agents, canvassers, and collectors..... | 228 | 146 | 54 | 28 | ..... | ..... | 2 | 13 | 31 | 121 | 52 | 9 |
| Bookkeepers and cashiers..... | 5,487 | 2,923 | 2,078 | 475 | 6 | 5 | 223 | 616 | 1,802 | 2,578 | 260 | 8 |
| Clerks (except clerks in stores)..... | 4,626 | 2,573 | 1,662 | 370 | 9 | 12 | 285 | 608 | 1,484 | 1,991 | 250 | 10 |
| Messenger, bundle, and office girls ⁴ | 272 | 130 | 111 | 27 | 4 | ..... | 117 | 57 | 58 | 37 | 2 | 1 |
| Stenographers and typists..... | 8,454 | 4,313 | 3,408 | 717 | 11 | 5 | 282 | 1,189 | 3,257 | 3,514 | 205 | 7 |

¹ Many of the "Clerks in stores" probably are "Saleswomen." ² Includes, also, managers and superintendents of retail stores. ³ Except telegraph messengers.

TABLE 26.—WOMEN 15 YEARS OF AGE AND OVER IN EACH PRINCIPAL CLASS OF THE POPULATION ENGAGED IN GAINFUL OCCUPATIONS, CLASSIFIED BY MARITAL CONDITION, WITH A DISTRIBUTION OF THE MARRIED BY AGE PERIODS, FOR THE STATE: 1920.

| CLASS OF POPULATION. | Aggregate. | MARRIED. | | | | | | Single, widowed, divorced, and unknown. |
|--|------------|----------|-----------------|-----------------|-----------------|-----------------|---------------------------------|---|
| | | Total. | 15 to 19 years. | 20 to 24 years. | 25 to 34 years. | 35 to 44 years. | 45 years and over. ¹ | |
| All classes..... | 92,612 | 24,172 | 589 | 2,896 | 7,781 | 7,111 | 5,795 | 68,440 |
| Native white—Native parentage..... | 47,087 | 13,044 | 368 | 1,650 | 4,203 | 3,732 | 3,091 | 34,043 |
| Native white—Foreign or mixed parentage..... | 28,624 | 5,782 | 143 | 752 | 2,056 | 1,048 | 1,183 | 22,842 |
| Foreign-born white..... | 14,838 | 4,096 | 47 | 295 | 1,032 | 1,388 | 1,334 | 10,742 |
| Negro..... | 921 | 441 | 6 | 37 | 138 | 154 | 106 | 480 |
| Indian..... | 190 | 65 | 9 | 16 | 15 | 25 | 25 | 125 |
| Chinese, Japanese, and all other..... | 952 | 744 | 25 | 153 | 336 | 174 | 56 | 208 |

¹ Includes age unknown.

COMPOSITION AND CHARACTERISTICS.

49

SUPPLEMENTAL TABLES FOR INDIAN, CHINESE, AND JAPANESE POPULATION.

AGE, FOR THE STATE: 1920 AND 1910.

| AGE PERIOD. | NUMBER: 1920 | | | PER CENT: 1920 | | | PER CENT: 1910 | | | AGE PERIOD. | NUMBER: 1920 | | | PER CENT: 1920 | | | PER CENT: 1910 | | |
|-----------------------|--------------|-------|---------|----------------|-------|---------|----------------|-------|-----------|-----------------------|--------------|--------|---------|----------------|-------|---------|----------------|-------|---------|
| | Total | Male. | Female. | Total | Male. | Female. | Total | Male. | Female. | | Total | Male. | Female. | Total | Male. | Female. | Total | Male. | Female. |
| | INDIANS. | | | | | | | | | CHINESE—continued. | | | | | | | | | |
| All ages..... | 9,061 | 4,552 | 4,509 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 20 to 44 years..... | 810 | 699 | 111 | 34.3 | 33.5 | 40.4 | 38.6 | 38.8 | 36.8 |
| Under 5 years..... | 1,208 | 608 | 600 | 13.3 | 13.4 | 13.3 | 13.7 | 13.3 | 14.0 | 45 years and over.... | 1,092 | 1,072 | 20 | 46.2 | 51.3 | 7.3 | 51.0 | 52.7 | 27.9 |
| Under 1 year..... | 237 | 117 | 120 | 2.6 | 2.6 | 2.7 | 3.0 | 3.0 | 3.0 | Age unknown..... | 25 | 23 | 2 | 1.1 | 1.1 | 0.7 | 1.0 | 1.1 | ..... |
| 5 to 9 years..... | 1,139 | 544 | 595 | 12.6 | 12.0 | 13.2 | 12.7 | 12.6 | 12.8 | 18 to 44 years..... | 873 | 758 | 115 | 36.9 | 36.3 | 41.8 | 40.9 | 40.9 | 41.1 |
| 10 to 14 years..... | 978 | 466 | 512 | 10.8 | 10.2 | 11.4 | 10.5 | 10.8 | 10.2 | 21 years and over.... | 1,877 | 1,748 | 129 | 79.4 | 83.7 | 46.9 | 89.4 | 91.5 | 82.6 |
| 15 to 19 years..... | 839 | 454 | 385 | 9.3 | 10.0 | 8.5 | 9.1 | 9.7 | 8.6 | All ages..... | 17,387 | 11,322 | 6,065 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 20 to 44 years..... | 2,672 | 1,862 | 1,310 | 29.5 | 29.9 | 29.1 | 30.1 | 30.7 | 29.4 | Under 5 years..... | 2,877 | 1,475 | 1,402 | 16.5 | 13.0 | 23.1 | 4.6 | 2.7 | 17.5 |
| 45 years and over.... | 2,159 | 1,091 | 1,068 | 23.8 | 24.0 | 23.7 | 23.2 | 22.2 | 24.2 | Under 1 year..... | 734 | 360 | 374 | 4.2 | 3.2 | 6.2 | 1.2 | 0.7 | 4.5 |
| Age unknown..... | 66 | 27 | 39 | 0.7 | 0.6 | 0.9 | 0.7 | 0.6 | 0.9 | 5 to 9 years..... | 1,227 | 656 | 571 | 7.1 | 5.8 | 9.4 | 1.2 | 0.8 | 4.1 |
| 18 to 44 years..... | 2,987 | 1,537 | 1,450 | 33.0 | 33.8 | 32.2 | 33.7 | 34.4 | 33.1 | 10 to 14 years..... | 426 | 228 | 198 | 2.5 | 2.0 | 3.3 | 0.6 | 0.3 | 2.0 |
| 21 years and over.... | 4,733 | 2,418 | 2,315 | 52.2 | 53.1 | 51.3 | 52.4 | 52.1 | 52.7 | 15 to 19 years..... | 775 | 542 | 233 | 4.5 | 4.8 | 3.8 | 3.3 | 3.2 | 3.9 |
| CHINESE. | | | | | | | | | JAPANESE. | | | | | | | | | | |
| All ages..... | 2,363 | 2,088 | 275 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 10 to 44 years..... | 10,267 | 6,864 | 3,403 | 59.0 | 60.6 | 56.1 | 83.5 | 85.7 | 68.7 |
| Under 5 years..... | 124 | 64 | 60 | 5.2 | 3.1 | 21.8 | 1.7 | 1.0 | 10.5 | 45 years and over.... | 1,717 | 1,475 | 242 | 9.9 | 13.0 | 4.0 | 3.3 | 3.6 | 1.8 |
| Under 1 year..... | 29 | 10 | 19 | 1.2 | 0.5 | 0.9 | 0.2 | 0.1 | 2.1 | Age unknown..... | 98 | 82 | 16 | 0.6 | 0.7 | 0.3 | 3.5 | 3.7 | 2.1 |
| 5 to 9 years..... | 101 | 55 | 46 | 4.3 | 2.6 | 16.7 | 1.6 | 1.0 | 8.4 | 18 to 44 years..... | 10,685 | 7,139 | 3,556 | 61.5 | 63.1 | 58.6 | 86.0 | 88.1 | 71.6 |
| 10 to 14 years..... | 87 | 61 | 26 | 3.7 | 2.9 | 9.5 | 1.9 | 1.4 | 8.4 | 21 years and over.... | 11,825 | 8,269 | 3,556 | 68.0 | 73.0 | 58.6 | 87.7 | 90.4 | 69.8 |

SCHOOL ATTENDANCE, FOR THE STATE: 1920 AND 1910.

[Per cent not shown where base is less than 100.]

| AGE PERIOD. | INDIANS: 1920 | | | INDIANS: 1910 | | | CHINESE: 1920 | | | CHINESE: 1910 | | | JAPANESE: 1920 | | | JAPANESE: 1910 | | |
|-------------------------------|---------------|-------------------|-----------|---------------|-------------------|-----------|---------------|-------------------|-----------|---------------|-------------------|-----------|----------------|-------------------|-----------|----------------|-------------------|-----------|
| | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | |
| | | Number. | Per cent. | | Number. | Per cent. | | Number. | Per cent. |  | Number. | Per cent. |  | Number. | Per cent. |  | Number. | Per cent. |
| 5 to 20 years, inclusive..... | 3,120 | 1,799 | 57.7 | 3,733 | 1,759 | 47.1 | 362 | 243 | 67.1 | 240 | 119 | 49.6 | 2,685 | 1,389 | 51.7 | 992 | 287 | 26.9 |
| Male..... | 1,526 | 862 | 56.5 | 1,887 | 892 | 47.0 | 276 | 184 | 66.7 | 189 | 96 | 50.8 | 1,573 | 835 | 52.9 | 777 | 197 | 25.4 |
| Female..... | 1,594 | 937 | 58.8 | 1,836 | 867 | 47.2 | 86 | 59 | 59 | 51 | 23 | 55.4 | 1,107 | 554 | 50.0 | 215 | 70 | 32.6 |
| 5 and 6 years..... | 452 | 124 | 25.7 | 605 | 109 | 18.0 | 45 | 13 | 28 | 23 | 3 | ----- | 676 | 158 | 23.4 | 83 | 22 | ----- |
| 7 to 13 years..... | 1,439 | 1,148 | 79.8 | 1,716 | 1,070 | 62.4 | 120 | 102 | 85.0 | 56 | 41 | ----- | 912 | 788 | 86.4 | 134 | 104 | 77.6 |
| 14 and 15 years..... | 368 | 298 | 81.0 | 408 | 257 | 63.0 | 40 | 37 | ----- | 28 | 24 | ----- | 138 | 113 | 81.9 | 36 | 22 | ----- |
| 16 and 17 years..... | 352 | 103 | 46.3 | 421 | 191 | 45.4 | 44 | 33 | ----- | 39 | 23 | ----- | 274 | 163 | 59.5 | 81 | 28 | ----- |
| 18 to 20 years..... | 479 | 66 | 13.8 | 583 | 132 | 22.6 | 113 | 58 | 51.3 | 94 | 28 | ----- | 685 | 167 | 24.4 | 658 | 91 | 13.8 |

ILLITERACY, FOR THE STATE: 1920 AND 1910.

[Per cent not shown where base is less than 100.]

| AGE PERIOD. | INDIANS: 1920 | | | INDIANS: 1910 | | | CHINESE: 1920 | | | CHINESE: 1910 | | | JAPANESE: 1920 | | | JAPANESE: 1910 | | |
|------------------------|---------------|-------------------|-----------|---------------|-------------------|-----------|---------------|-------------------|-----------|---------------|-------------------|-----------|----------------|-------------------|-----------|----------------|-------------------|-----------|
| | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | | Total number. | Attending school. | |
| | | Number. | Per cent. | | Number. | Per cent. | | Number. | Per cent. |
| 10 years and over..... | 6,714 | 2,127 | 31.7 | 8,101 | 3,708 | 45.8 | 2,138 | 472 | 22.1 | 2,621 | 498 | 19.0 | 13,283 | 1,605 | 12.1 | 12,175 | 830 | 6.8 |
| Male..... | 3,400 | 942 | 27.7 | 4,066 | 1,810 | 39.6 | 1,989 | 419 | 21.3 | 2,467 | 465 | 18.8 | 9,191 | 851 | 9.3 | 10,881 | 729 | 6.7 |
| Female..... | 3,314 | 1,185 | 35.8 | 4,035 | 2,098 | 52.0 | 1,69 | 53 | 31.4 | 154 | 33 | 21.4 | 4,092 | 754 | 18.4 | 1,324 | 101 | 7.6 |
| 10 to 20 years..... | 1,981 | 95 | 4.8 | 2,339 | 387 | 16.5 | 261 | 9 | 3.4 | 198 | 13 | 6.6 | 1,458 | 92 | 6.3 | 832 | 53 | 6.4 |
| Male..... | 982 | 51 | 5.2 | 1,208 | 197 | 16.3 | 221 | 6 | 2.7 | 163 | 7 | 4.3 | 922 | 49 | 5.3 | 686 | 40 | 5.8 |
| Female..... | 999 | 44 | 4.4 | 1,131 | 190 | 16.8 | 40 | 3 | ----- | 35 | 6 | ----- | 536 | 43 | 8.0 | 146 | 13 | 8.9 |
| 21 years and over.... | 4,733 | 2,032 | 42.9 | 5,762 | 3,321 | 57.6 | 1,877 | 463 | 24.7 | 2,423 | 485 | 20.0 | 11,825 | 1,513 | 12.8 | 11,343 | 777 | 6.9 |
| Male..... | 2,418 | 891 | 36.8 | 2,858 | 1,413 | 49.4 | 1,748 | 413 | 23.6 | 2,304 | 458 | 19.9 | 8,269 | 802 | 9.7 | 10,165 | 689 | 6.8 |
| Female..... | 2,315 | 1,141 | 49.3 | 2,904 | 1,908 | 65.7 | 1,29 | 50 | 38.8 | 119 | 27 | 22.7 | 3,556 | 711 | 20.0 | 1,178 | 89 | 7.5 |

POPULATION—WASHINGTON.

SEX, ILLITERACY, AND VOTING AGE, FOR COUNTIES: 1920.

[Per cent not shown where base is less than 100.]

| COUNTY. | TOTAL NUMBER. | | | | 10 YEARS OF AGE AND OVER. | | | 21 YEARS OF AGE AND OVER. | | | |
|---------------------------------------|---------------|------------------------------|--------|---------|---------------------------|-------------|-----------|---------------------------|---------------|--------------------|-------|
| | Both sexes. | Percent of total population. | Male. | Female. | Total number. | Illiterate. | | Male. | Female. | | |
| | | | | | | Number. | Per cent. | | Total number. | Number illiterate. | |
| INDIANS. | | | | | | | | | | | |
| The state..... | 9,061 | 0.7 | 4,552 | 4,509 | 6,714 | 2,127 | 31.7 | 2,418 | 891 | 2,315 | 1,141 |
| Clallam..... | 738 | 6.5 | 386 | 352 | 553 | 160 | 28.9 | 206 | 68 | 183 | 92 |
| Cowlitz..... | 66 | 0.6 | 39 | 27 | 57 | 7 | ----- | 21 | 3 | 14 | 4 |
| Ferry..... | 807 | 15.7 | 403 | 404 | 549 | 168 | 30.6 | 107 | 77 | 194 | 83 |
| Grays Harbor..... | 444 | 1.0 | 234 | 210 | 339 | 107 | 31.6 | 140 | 48 | 118 | 56 |
| Jefferson..... | 116 | 1.8 | 50 | 66 | 91 | 23 | ----- | 33 | 8 | 36 | 17 |
| King..... | 403 | 0.1 | 193 | 210 | 303 | 85 | 28.1 | 111 | 33 | 112 | 46 |
| Kitsap..... | 393 | 1.2 | 191 | 202 | 278 | 63 | 22.7 | 96 | 10 | 95 | 41 |
| Klickitat..... | 183 | 2.0 | 98 | 85 | 156 | 97 | 62.2 | 59 | 41 | 62 | 48 |
| Lewis..... | 93 | 0.3 | 44 | 54 | 72 | 19 | ----- | 18 | 7 | 22 | 12 |
| Mason..... | 369 | 6.3 | 153 | 156 | 223 | 73 | 32.7 | 82 | 35 | 69 | 37 |
| Okanogan..... | 799 | 4.7 | 389 | 410 | 581 | 217 | 37.3 | 195 | 97 | 194 | 117 |
| Pacific..... | 61 | 0.4 | 35 | 26 | 46 | 1 | ----- | 19 | 1 | 13 | ----- |
| Pend Oreille..... | 109 | 1.7 | 60 | 49 | 89 | 56 | ----- | 39 | 28 | 30 | 25 |
| Pierce..... | 387 | 0.3 | 193 | 194 | 290 | 62 | 21.4 | 107 | 24 | 86 | 31 |
| Skagit..... | 533 | 1.6 | 272 | 261 | 391 | 131 | 33.5 | 148 | 53 | 129 | 73 |
| Skamania..... | 74 | 3.1 | 33 | 41 | 51 | 3 | ----- | 10 | 1 | 18 | 2 |
| Snohomish..... | 532 | 0.8 | 270 | 262 | 393 | 111 | 27.9 | 145 | 40 | 128 | 65 |
| Stevens..... | 641 | 3.0 | 319 | 322 | 431 | 192 | 39.9 | 177 | 83 | 185 | 103 |
| Thurston..... | 102 | 0.5 | 52 | 50 | 75 | 21 | ----- | 30 | 11 | 27 | 12 |
| Whatcom..... | 630 | 1.2 | 332 | 298 | 443 | 107 | 24.2 | 152 | 48 | 120 | 48 |
| Yakima..... | 1,374 | 2.2 | 673 | 701 | 1,045 | 351 | 33.6 | 365 | 141 | 388 | 192 |
| All other counties ¹ | 262 | 0.1 | 133 | 129 | 203 | 65 | 32.0 | 68 | 25 | 83 | 55 |
| CHINESE. | | | | | | | | | | | |
| The state..... | 2,363 | 0.2 | 2,088 | 275 | 2,138 | 472 | 22.1 | 1,748 | 413 | 129 | 50 |
| Clarke..... | 72 | 0.2 | 62 | 10 | 67 | 20 | ----- | 52 | 18 | 7 | 2 |
| Franklin..... | 103 | 1.8 | 94 | 9 | 98 | ----- | ----- | 87 | 4 | ----- | ----- |
| Jefferson..... | 70 | 1.1 | 61 | 6 | 65 | 8 | ----- | 51 | 7 | 2 | 1 |
| King..... | 1,300 | 0.3 | 1,173 | 187 | 1,203 | 333 | 27.7 | 939 | 282 | 83 | 43 |
| Kitsap..... | 56 | 0.2 | 56 | ----- | 56 | ----- | ----- | 50 | ----- | ----- | ----- |
| Pierce..... | 66 | (2) | 51 | 12 | 57 | 5 | ----- | 44 | 5 | 8 | ----- |
| Spokane..... | 147 | 0.1 | 133 | 14 | 136 | 46 | 33.8 | 126 | 45 | 5 | ----- |
| Thurston..... | 53 | 0.2 | 48 | 5 | 44 | 8 | ----- | 37 | 7 | 2 | 1 |
| Walla Walla..... | 197 | 0.7 | 187 | 10 | 190 | 13 | 6.8 | 168 | 12 | 7 | 1 |
| Yakima..... | 64 | 0.1 | 54 | 10 | 57 | 7 | ----- | 42 | 6 | 5 | 1 |
| All other counties ¹ | 175 | (2) | 163 | 12 | 165 | 32 | 19.4 | 152 | 31 | 6 | 1 |
| JAPANESE. | | | | | | | | | | | |
| The state..... | 17,387 | 1.3 | 11,322 | 6,065 | 13,283 | 1,805 | 12.1 | 8,269 | 802 | 3,556 | 711 |
| Chelan..... | 123 | 0.6 | 90 | 24 | 112 | 12 | 10.7 | 83 | 6 | 19 | 6 |
| Clallam..... | 62 | 0.5 | 57 | 5 | 61 | 9 | ----- | 49 | 6 | 4 | 2 |
| Franklin..... | 69 | 1.0 | 33 | 27 | 44 | ----- | ----- | 25 | ----- | 14 | ----- |
| Grays Harbor..... | 155 | 0.3 | 125 | 30 | 143 | 33 | 23.1 | 113 | 31 | 21 | 2 |
| King..... | 10,954 | 2.8 | 6,052 | 4,002 | 8,324 | 921 | 11.1 | 4,985 | 360 | 2,330 | 502 |
| Kitsap..... | 482 | 1.5 | 282 | 200 | 346 | 14 | 4.0 | 177 | 7 | 104 | 7 |
| Klickitat..... | 86 | 0.9 | 62 | 24 | 65 | 8 | ----- | 44 | 6 | 15 | 2 |
| Lewis..... | 301 | 0.8 | 256 | 45 | 273 | 69 | 25.3 | 227 | 56 | 31 | 10 |
| Mason..... | 76 | 1.5 | 48 | 23 | 60 | 8 | ----- | 35 | 2 | 16 | 6 |
| Pacific..... | 87 | 0.6 | 67 | 20 | 74 | 30 | ----- | 49 | 22 | 15 | 8 |
| Pierce..... | 2,652 | 1.8 | 1,784 | 868 | 2,008 | 227 | 11.3 | 1,313 | 139 | 488 | 76 |
| Skagit..... | 150 | 0.5 | 119 | 61 | 133 | 7 | 5.3 | 83 | 2 | 31 | 4 |
| Snohomish..... | 322 | 0.5 | 237 | 85 | 254 | 27 | 10.6 | 175 | 12 | 49 | 11 |
| Spokane..... | 350 | 0.3 | 258 | 104 | 303 | 30 | 9.9 | 219 | 16 | 60 | 13 |
| Thurston..... | 305 | 1.4 | 229 | 76 | 250 | 145 | 58.0 | 187 | 112 | 48 | 23 |
| Whatcom..... | 75 | 0.1 | 44 | 31 | 54 | 2 | ----- | 33 | ----- | 19 | 2 |
| Yakima..... | 771 | 1.2 | 456 | 315 | 530 | 37 | 7.0 | 316 | 14 | 183 | 22 |
| All other counties ¹ | 336 | 0.1 | 216 | 120 | 240 | 26 | 10.8 | 156 | 11 | 59 | 15 |

¹ Comprises those counties in which the total number is less than 50.² Less than one-tenth of 1 per cent.

AGRICULTURE—WASHINGTON.

INTRODUCTION.

In the following pages are presented all of the published results of the 1920 census of agriculture for this state and its counties, except certain detailed tabulations for the state which appear in Volume V of the Fourteenth Census Reports and a few minor items which have been published in special bulletins. The statistics of farms and farm property, including live stock, relate to January 1, 1920; those of live-stock

products, crops, and farm expenditures are for the calendar year 1919. In order to show the present tendency in agriculture, comparative figures for the census of 1910 are given throughout; and to show the general trend of the agricultural industry over a considerable period of time, all general farm information available is presented for the different censuses since 1860.

F FARMS AND FARM PROPERTY.

TABLE 1.—SUMMARY: 1920 AND 1910.

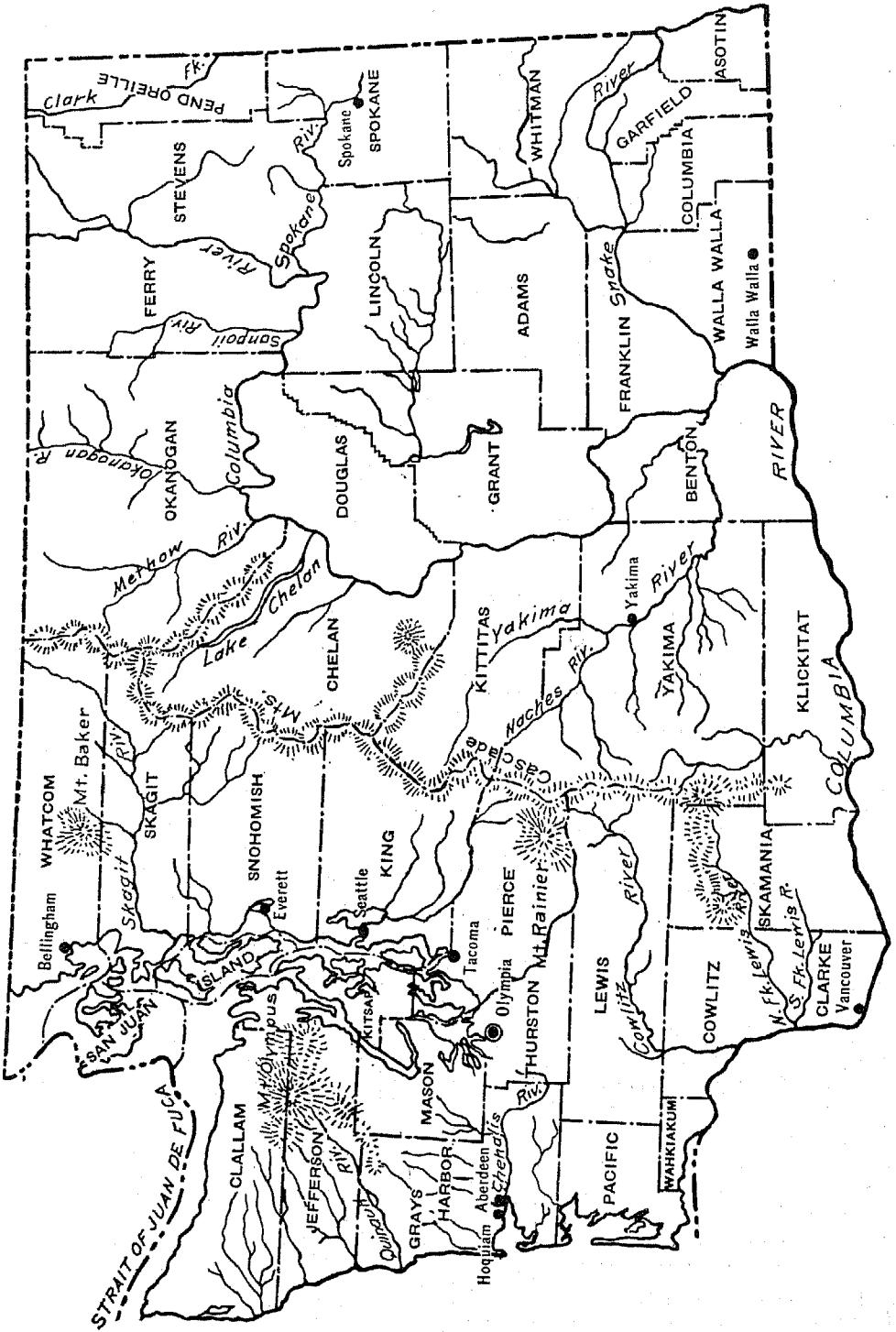
| ITEM. | 1920 (January 1) | 1910 (April 15) | INCREASE, ¹ | |
|---|---------------------|--------------------|------------------------|-----------|
| | | | Amount. | Per cent. |
| Population, total..... | 1,356,621 | 1,141,990 | 214,631 | 18.8 |
| Rural ² | 607,886 | 536,460 | 71,426 | 13.3 |
| Urban..... | 748,735 | 605,530 | 143,205 | 23.6 |
| Per cent rural..... | 44.8 | 47.0 | ..... | ..... |
| Number of farms..... | 66,288 | 56,192 | 10,096 | 18.0 |
| Approximate land area of the state.....acres..... | 42,775,040 | 42,775,040 | ..... | ..... |
| All land in farms.....acres..... | 13,244,720 | 11,712,235 | 1,532,485 | 13.1 |
| Improved land in farms.....acres..... | 7,129,343 | 6,373,311 | 756,032 | 11.9 |
| Woodland in farms.....acres..... | 1,813,061 | 1,541,551 | 271,510 | 17.6 |
| Other unimproved land in farms.....acres..... | 4,302,316 | 3,797,373 | 504,943 | 13.3 |
| Per cent of land area in farms..... | 31.0 | 27.4 | ..... | ..... |
| Per cent of farm land improved..... | 53.8 | 54.4 | ..... | ..... |
| Average acreage per farm..... | 199.3 | 208.4 | -8.6 | -4.1 |
| Average improved acreage per farm..... | 107.6 | 113.4 | -5.8 | -5.1 |
| Value of all farm property..... | \$1,057,429,848 | \$637,543,411 | \$419,886,437 | 65.9 |
| Land and buildings..... | 920,392,341 | 571,968,457 | 348,423,884 | 60.9 |
| Land alone..... | 797,651,020 | 517,421,998 | 280,229,022 | 54.2 |
| Buildings..... | 122,741,321 | 54,546,459 | 68,194,862 | 125.0 |
| Implements and machinery..... | 54,721,377 | 16,709,844 | 38,011,533 | 227.5 |
| Live stock..... | 82,316,130 | 48,865,110 | 33,451,020 | 68.5 |
| Average value per farm: | | | | |
| All farm property..... | 15,952 | 11,346 | 4,606 | 40.6 |
| Land and buildings..... | 13,885 | 10,179 | 3,706 | 36.4 |
| Land alone..... | 12,033 | 9,208 | 2,825 | 30.7 |
| Buildings..... | 1,852 | 971 | 881 | 90.7 |
| Implements and machinery..... | 826 | 297 | 529 | 178.1 |
| Live stock..... | 1,242 | 870 | 372 | 42.8 |
| Average value per acre of land in farms: | | | | |
| All farm property..... | 79.84 | 54.43 | 25.41 | 46.7 |
| Land and buildings..... | 69.49 | 48.84 | 20.65 | 42.3 |
| Land alone..... | 60.22 | 44.18 | 16.04 | 36.3 |
| Buildings..... | 9.27 | 4.66 | 4.61 | 98.9 |
| Implements and machinery..... | 4.13 | 1.43 | 2.70 | 188.8 |
| Live stock | 6.22 | 4.17 | 2.05 | 49.2 |

¹ A minus sign (—) denotes decrease.

² Population residing outside of incorporated places having 2,500 inhabitants or over. The rate of increase in the rural population between the two censuses is affected somewhat by the fact that certain places classified as rural in 1910 had become urban by 1920. The population in 1910 of the territory classified as rural in 1920 was 522,238. For this territory, the increase in population between 1910 and 1920 was 16.4 per cent, which percentage indicates the rate of growth of the rural population, leaving out of consideration the changes in classification of territory.

WASHINGTON

COUNTIES, PRINCIPAL CITIES, RIVERS, AND MOUNTAINS.



EXPLANATION OF TERMS.

To assist in securing comparability for its statistics of agriculture, the Bureau of the Census provided the enumerators with certain definitions and instructions, the more important of which were essentially as given below.

Farm.—A "farm" for census purposes is all the land which is directly farmed by one person managing and conducting agricultural operations, either by his own labor alone or with the assistance of members of his household or hired employees. The term "agricultural operations" is used as a general term, referring to the work of growing crops, producing other agricultural products, and raising domestic animals, poultry, and bees. A "farm" as thus defined may consist of a single tract of land or of a number of separate and distinct tracts, and these several tracts may be held under different tenures, as where one tract is owned by the farmer and another tract is hired by him. When a land owner has one or more tenants, renters, croppers, or managers, the land operated by each is considered a "farm."

In applying the foregoing definition of a "farm" for census purposes, enumerators were instructed to report as a "farm" any tract of 3 or more acres used for agricultural purposes, and also any tract containing less than 3 acres which produced at least \$250 worth of farm products in the year 1919, or required for its agricultural operations the continuous services of at least one person.

Farmer.—A "farmer" or "farm operator," according to the census definition, is a person who directs the operation of a farm. Hence owners of farms who do not themselves direct the farm operations are not reported as "farmers." Farmers are divided by the Bureau of the Census into three general classes according to the character of their tenure, namely, owners, managers, and tenants.

Farm owners include (1) farmers operating their own land only and (2) those operating both their own land and some land hired from others. The latter are sometimes referred to in the census reports as "part owners," the term "full owners" being then used for those owning all their land.

Managers are farmers who are conducting farm operations for the owner for wages or a salary.

Farm tenants are farmers who, as tenants, renters, or croppers, operate hired land only. They were reported in 1920 in five classes: (1) Share tenants—those who pay a certain share of the products, as one-half, one-third, or one-quarter, for the use of the farm but furnish their own farm equipment and animals; (2) croppers—share tenants who do not furnish their work animals; (3) share-cash tenants—those who pay a share of the products for part of the land rented by them and cash for part; (4) cash tenants—those who pay a cash rental, as \$7 per acre of crop land or \$500 for the use of the whole farm; (5) standing renters—those who pay a stated amount of farm products for the use of the farm, as 3 bales of cotton or 500 bushels of corn. In some cases the character of the tenancy was not ascertained by the enumerator; such tenants are designated "unspecified."

Farm land.—Farm land is divided into (1) improved land, (2) woodland, and (3) other unimproved land.

Improved land includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

All other unimproved land includes brush land, rough or stony land, swamp land, and any other land which is not improved or in forest.

The census classification of farm land as "improved land," "woodland," and "other unimproved land" is one not always easy for the farmers or enumerators to make, and the statistics, therefore, must be considered at best only a close approximation.

NUMBER OF FARMS, ACREAGE, AND VALUE.

TABLE 2.—NUMBER OF FARMS AND FARM ACREAGE: 1860 TO 1920.

| CENSUS YEAR. | FARMS. | | LAND IN FARMS. | | | | Per cent of land area in farms. | Per cent of farm land im- prov- ed. | | |
|-------------------------|--------------|-------------------------------------|----------------|-------------------------------------|----------------|-------------------------------------|---|--|--|--|
| | Num- ber. | Per cent of in- crease. | All land. | | Improved land. | | | | | |
| | | | Acres. | Per cent of in- crease. | Acres. | Per cent of in- crease. | | | | |
| 1920..... | 66,288 | 18.0 | 13,244,720 | 13.1 | 7,129,343 | 11.9 | 31.0 | 53.8 | | |
| 1910..... | 56,192 | 69.2 | 11,712,235 | 37.8 | 6,373,311 | 83.9 | 27.4 | 54.4 | | |
| 1900..... | 33,202 | 83.9 | 8,499,297 | 103.4 | 3,465,960 | 90.4 | 19.9 | 40.8 | | |
| 1890..... | 18,056 | 176.6 | 4,179,190 | 198.5 | 1,820,832 | 275.9 | 9.8 | 43.6 | | |
| 1880..... | 6,529 | 108.8 | 1,409,421 | 117.1 | 484,346 | 152.2 | 3.3 | 34.4 | | |
| 1870..... | 3,127 | 135.1 | 649,139 | 77.3 | 192,016 | 134.5 | 1.5 | 29.6 | | |
| 1860 ¹ | 1,330 | ..... | 366,156 | ..... | 81,869 | ..... | 0.3 | 22.4 | | |

¹ No data prior to 1860. Washington organized as a territory in 1853.

TABLE 3.—VALUE OF FARM PROPERTY: 1860 TO 1920.

| CEN- SUS YEAR. | ALL FARM PROPERTY. | | LAND AND BUILDINGS. | | IMPLEMENT AND MACHINERY. | | LIVE STOCK. | |
|-------------------------|-----------------------|-------------------------|------------------------|-------------------------|--------------------------------|-------------------------|--------------|-------------------------|
| | Value. | Percent of increase. | Value. | Percent of increase. | Value. | Percent of increase. | Value. | Percent of increase. |
| | | | | | | | | |
| 1920..... | \$1,057,429,848 | 65.9 | \$20,302,341 | 60.9 | \$54,721,377 | 227.5 | \$82,316,130 | 68.5 |
| 1910..... | 637,543,411 | 342.6 | 571,968,457 | 394.8 | 16,709,844 | 166.4 | 48,385,110 | 120.5 |
| 1900..... | 144,040,547 | 43.0 | 115,609,710 | 38.5 | 6,271,630 | 99.1 | 22,159,207 | 57.0 |
| 1890..... | 100,724,970 | 384.8 | 83,461,660 | 502.9 | 3,150,200 | 228.6 | 14,116,110 | 136.2 |
| 1880..... | 20,777,044 | 226.6 | 13,844,224 | 248.0 | 959,513 | 241.7 | 5,974,307 | 184.0 |
| 1870 ¹ | 6,362,235 | 81.4 | 3,978,341 | 79.4 | 280,551 | 47.3 | 2,103,343 | 91.2 |
| 1860 ¹ | 3,508,155 | ..... | 2,217,842 | ..... | 190,402 | ..... | 1,069,911 | ..... |

¹ Computed gold values, being 80 per cent of the currency values reported.

² No data prior to 1860. Washington organized as a territory in 1853.

TABLE 4.—AVERAGE ACREAGE AND AVERAGE VALUE PER FARM: 1860 TO 1920.

[Averages are based on "all farms" in the state.]

| CEN- SUS YEAR. | AVERAGE ACREAGE PER FARM. | | AVERAGE VALUE PER FARM. | | | | Live stock. | |
|-------------------------|------------------------------|------------------------|-------------------------|---------------------------|--------------------------------------|----------------|----------------|--|
| | All land. | Im- proved land. | All farm property. | Land and buildings. | Imple- ments and machinery. | Live stock. | | |
| | | | | | | | | |
| 1920..... | 199.8 | 107.6 | \$15,952 | \$13,885 | \$826 | \$1,242 | | |
| 1910..... | 208.4 | 113.4 | 11,346 | 10,179 | 297 | 870 | | |
| 1900..... | 256.0 | 104.4 | 4,338 | 3,482 | 189 | 667 | | |
| 1890..... | 231.4 | 100.8 | 5,578 | 4,622 | 174 | 782 | | |
| 1880..... | 215.9 | 74.2 | 3,182 | 2,120 | 147 | 915 | | |
| 1870 ¹ | 207.6 | 61.4 | 2,035 | 1,372 | 90 | 673 | | |
| 1860 ¹ | 275.3 | 61.6 | 2,638 | 1,668 | 143 | 827 | | |

¹ Computed gold values, being 80 per cent of the currency values reported.

² No data prior to 1860. Washington organized as a territory in 1853.

TABLE 5.—AVERAGE VALUE PER ACRE: 1860 TO 1920.

[Averages are based on "all land in farms" in the state.]

| CENSUS YEAR. | All farm property. | Land and buildings. | Land alone. | Buildings alone. | Imple- ments and machinery. | Live stock. |
|-------------------------|-----------------------|---------------------------|----------------|---------------------|--------------------------------------|----------------|
| | | | | | | |
| 1920..... | \$79.84 | \$69.49 | \$60.22 | \$9.27 | \$4.13 | \$6.23 |
| 1910..... | 54.43 | 48.84 | 44.18 | 4.66 | 1.43 | 4.17 |
| 1900..... | 16.95 | 13.60 | 11.68 | 1.92 | 0.74 | 2.61 |
| 1890..... | 24.10 | 19.97 | ..... | ..... | 0.75 | 3.38 |
| 1880..... | 14.74 | 9.82 | ..... | ..... | 0.68 | 4.24 |
| 1870 ¹ | 9.80 | 6.13 | ..... | ..... | 0.43 | 3.24 |
| 1860 ¹ | 9.58 | 6.06 | ..... | ..... | 0.52 | 3.00 |

¹ Computed gold values, being 80 per cent of the currency values reported.

² No data prior to 1860. Washington organized as a territory in 1853.

AGRICULTURE—WASHINGTON.

F FARMS BY SIZE.

TABLE 6.—NUMBER OF FARMS, BY SIZE: 1920 AND 1910.

| SIZE GROUP. | NUMBER OF FARMS. | | INCREASE. ¹ | | PER CENT OF TOTAL. | |
|---------------------------|------------------|--------|------------------------|-----------|--------------------|-------|
| | 1920 | 1910 | Number | Per cent. | 1920 | 1910 |
| | | | | | | |
| Total..... | 66,288 | 56,192 | 10,096 | 18.0 | 100.0 | 100.0 |
| Under 20 acres..... | 16,073 | 10,529 | 5,544 | 52.7 | 24.2 | 18.7 |
| Under 3 acres..... | 949 | 563 | 336 | 68.6 | 1.4 | 1.0 |
| 3 to 9 acres..... | 6,546 | 4,593 | 1,953 | 42.5 | 9.9 | 8.2 |
| 10 to 19 acres..... | 8,578 | 5,373 | 3,205 | 59.7 | 12.9 | 9.6 |
| 20 to 49 acres..... | 15,255 | 10,252 | 5,003 | 48.8 | 23.0 | 18.2 |
| 50 to 99 acres..... | 9,048 | 7,105 | 1,943 | 27.3 | 13.7 | 12.6 |
| 100 to 174 acres..... | 9,958 | 13,884 | -3,926 | -28.3 | 15.0 | 24.7 |
| 175 to 499 acres..... | 9,637 | 9,215 | 422 | 4.6 | 14.5 | 16.4 |
| 175 to 259 acres..... | 3,340 | 3,089 | 251 | 8.1 | 5.0 | 5.5 |
| 260 to 499 acres..... | 6,297 | 6,126 | 171 | 2.8 | 9.5 | 10.9 |
| 500 to 999 acres..... | 4,042 | 3,481 | 561 | 16.1 | 0.1 | 6.2 |
| 1,000 acres and over..... | 2,275 | 1,726 | 549 | 31.8 | 3.4 | 3.1 |

¹ A minus sign (—) denotes decrease.

TABLE 7.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY SIZE: 1880 TO 1920.

| SIZE GROUP. | 1920 | 1910 | 1900 | 1890 | 1880 | PER CENT OF ALL FARMS | |
|----------------------------|--------|--------|--------|--------|-------|-----------------------|-------|
| | | | | | | 1920 | 1910 |
| Total number of farms..... | 66,288 | 56,192 | 33,202 | 18,056 | 6,529 | 100.0 | 100.0 |
| Under 10 acres..... | 7,495 | 5,156 | 1,414 | 117 | 87 | 11.3 | 9.2 |
| 10 to 19 acres..... | 8,578 | 5,373 | 1,611 | 200 | 71 | 12.9 | 9.6 |
| 20 to 49 acres..... | 15,255 | 10,252 | 4,240 | 919 | 207 | 23.0 | 18.2 |
| 50 to 99 acres..... | 9,048 | 7,105 | 4,357 | 1,715 | 611 | 13.7 | 12.6 |
| 100 to 499 acres..... | 19,958 | 23,099 | 18,587 | 13,907 | 5,239 | 29.6 | 41.1 |
| 500 to 999 acres..... | 4,042 | 3,481 | 2,015 | 890 | 252 | 6.1 | 6.2 |
| 1,000 acres and over..... | 2,275 | 1,726 | 948 | 308 | 62 | 3.4 | 3.1 |

TABLE 8.—FARM ACREAGE AND VALUE, BY SIZE OF FARM: 1920 AND 1910.

| SIZE GROUP (ACRES). | ALL LAND IN FARMS (ACRES). | | IMPROVED LAND IN FARMS (ACRES). | | VALUE OF LAND AND BUILDINGS. | |
|------------------------|----------------------------------|------------|---------------------------------------|-----------|---------------------------------|---------------|
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| | | | | | | |
| Total..... | 13,244,720 | 11,712,235 | 7,129,343 | 6,373,311 | \$920,392,341 | \$571,968,457 |
| Under 20..... | 144,233 | 91,282 | 106,254 | 68,475 | 50,336,316 | 50,780,592 |
| 20 to 49..... | 483,310 | 328,883 | 271,142 | 164,236 | 109,039,485 | 61,496,331 |
| 50 to 99..... | 654,446 | 523,088 | 316,424 | 215,785 | 88,949,239 | 52,667,859 |
| 100 to 174..... | 1,431,398 | 2,082,882 | 580,420 | 700,073 | 113,466,727 | 94,207,452 |
| 175 to 499..... | 3,014,398 | 2,898,427 | 1,666,553 | 1,092,749 | 203,720,345 | 132,453,455 |
| 500 to 999..... | 2,824,573 | 2,442,948 | 1,887,333 | 1,709,798 | 158,684,229 | 90,553,407 |
| 1,000 and over..... | 4,887,317 | 3,844,775 | 2,321,217 | 1,821,104 | 166,216,000 | 89,809,361 |

TABLE 9.—PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY SIZE OF FARM: 1920 AND 1910.

| SIZE GROUP. | PER CENT OF FARM LAND IMPROVED. | | AVERAGE VALUE OF LAND AND BUILDINGS. | | | |
|---------------------------|---------------------------------|------|--------------------------------------|----------|-----------|---------|
| | | | Per farm. | | Per acre. | |
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| Total..... | 53.8 | 54.4 | \$13,885 | \$10,179 | \$69.49 | \$48.84 |
| Under 20 acres..... | 72.6 | 72.8 | 4,998 | 4,823 | 556.80 | 556.30 |
| 20 to 49 acres..... | 55.5 | 49.9 | 7,148 | 5,998 | 223.30 | 186.99 |
| 50 to 99 acres..... | 48.8 | 41.8 | 9,831 | 7,413 | 135.92 | 100.09 |
| 100 to 174 acres..... | 40.5 | 33.6 | 11,395 | 6,785 | 79.27 | 45.23 |
| 175 to 499 acres..... | 55.3 | 58.4 | 21,139 | 14,374 | 67.58 | 45.70 |
| 500 to 999 acres..... | 66.1 | 70.0 | 39,254 | 26,014 | 56.17 | 37.07 |
| 1,000 acres and over..... | 49.5 | 54.4 | 73,062 | 52,083 | 35.46 | 26.85 |

F FARMS BY TENURE.

TABLE 10.—NUMBER OF FARMS, BY TENURE: 1920 AND 1910.

| TENURE. | NUMBER OF FARMS. | | INCREASE. ¹ | | PER CENT OF TOTAL. | |
|-----------------------------|------------------|--------|------------------------|-----------|--------------------|-------|
| | 1920 | 1910 | Number | Per cent. | 1920 | 1910 |
| | | | | | | |
| Total..... | 66,288 | 56,192 | 10,096 | 18.0 | 100.0 | 100.0 |
| Owners..... | 52,701 | 47,505 | 5,196 | 10.9 | 79.5 | 84.5 |
| Owning entire farm..... | 44,832 | 41,729 | 3,103 | 7.4 | 67.6 | 74.3 |
| Hiring additional land..... | 7,869 | 5,776 | 2,093 | 36.2 | 11.9 | 10.3 |
| Managers..... | 1,168 | 961 | 207 | 21.5 | 1.8 | 1.7 |
| Tenants..... | 12,419 | 7,726 | 4,693 | 60.7 | 18.7 | 13.7 |
| Share tenants..... | 5,851 | 3,459 | 2,392 | 69.2 | 8.8 | 6.2 |
| Share-cash tenants..... | 269 | 255 | 14 | 5.5 | 0.4 | 0.5 |
| Cash tenants..... | 5,830 | 3,089 | 2,741 | 88.7 | 8.8 | 5.5 |
| Unspecified..... | 469 | 923 | -464 | -49.2 | 0.7 | 1.6 |

¹ A minus sign (—) denotes decrease.

TABLE 11.—NUMBER OF FARMS AND PER CENT DISTRIBUTION, BY TENURE: 1880 TO 1920.

| TENURE. | 1920 | 1910 | 1900 | 1890 | 1880 | PER CENT OF ALL FARMS | |
|---------------------------------|--------|--------|--------|--------|-------|-----------------------|-------|
| | | | | | | 1920 | 1910 |
| Total number of farms..... | 66,288 | 56,192 | 33,202 | 18,056 | 6,529 | 100.0 | 100.0 |
| Farms operated by owners..... | 52,701 | 47,505 | 28,020 | 16,529 | 1,058 | 79.5 | 84.5 |
| Owning entire farm..... | 44,832 | 41,729 | 24,521 | (2) | (2) | 67.6 | 74.3 |
| Hiring additional land..... | 7,869 | 5,776 | 3,499 | (2) | (2) | 11.9 | 10.3 |
| Farms operated by managers..... | 1,168 | 961 | 405 | (3) | (3) | 1.8 | 1.7 |
| Farms operated by tenants..... | 12,419 | 7,726 | 4,777 | 1,527 | 471 | 18.7 | 13.7 |
| Share tenants..... | 5,851 | 3,459 | 2,436 | 986 | 282 | 8.8 | 6.2 |
| Share-cash tenants..... | 269 | 255 | 14 | 5.5 | 0.4 | 0.5 | 0.5 |
| Cash tenants..... | 5,830 | 3,089 | 2,341 | 541 | 209 | 8.8 | 7.2 |
| Unspecified..... | 469 | 923 | 7.1 | 7.1 | 3.2 | 0.7 | 0.7 |
| Per cent of all farms..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Operated by owners..... | 79.5 | 84.5 | 84.4 | 91.5 | 92.8 | 79.5 | 84.5 |
| Owning entire farm..... | 67.6 | 74.3 | 73.9 | (2) | (2) | 67.6 | 74.3 |
| Hiring additional land..... | 11.9 | 10.3 | 10.5 | (2) | (2) | 11.9 | 10.3 |
| Operated by managers..... | 1.8 | 1.7 | 1.2 | (3) | (3) | 1.8 | 1.7 |
| Operated by tenants..... | 18.7 | 13.7 | 14.4 | 8.5 | 7.2 | 18.7 | 13.7 |
| Share and share-cash..... | 9.2 | 6.6 | 7.3 | 5.5 | 4.0 | 9.2 | 6.6 |
| Cash and unspecified..... | 9.5 | 7.1 | 7.1 | 3.0 | 3.2 | 9.5 | 7.1 |

¹ Includes farms operated by managers.² Not reported separately.³ Included with farms operated by owners.

TABLE 12.—FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

| TENURE. | ALL LAND IN FARMS (ACRES). | | IMPROVED LAND IN FARMS (ACRES). | | VALUE OF LAND AND BUILDINGS. | |
|---------------|----------------------------|------------|---------------------------------|-----------|------------------------------|---------------|
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| | | | | | | |
| Total..... | 13,244,720 | 11,712,235 | 7,129,343 | 6,373,311 | \$920,392,341 | \$571,968,457 |
| Owners..... | 9,259,800 | 9,115,171 | 4,529,580 | 4,760,836 | 618,999,617 | 430,624,440 |
| Managers..... | 541,136 | 529,082 | 256,391 | 159,461 | 45,722,744 | 29,414,474 |
| Tenants..... | 3,443,784 | 2,067,982 | 2,343,372 | 1,453,014 | 265,669,980 | 111,929,543 |

TABLE 13.—PER CENT DISTRIBUTION OF FARMS AND OF FARM ACREAGE AND VALUE, BY TENURE: 1920 AND 1910.

| TENURE. | NUMBER OF FARMS. | | ALL LAND IN FARMS. | | IMPROVED LAND IN FARMS. | | VALUE OF LAND AND BUILDINGS. | |
|------------|------------------|-------|--------------------|-------|-------------------------|------|------------------------------|------|
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| | | | | | | | | |
| Total..... | 100.0 | 100.0 | 100.0 | 100.0 | 100. | | | |

AGRICULTURE—WASHINGTON.

55

TABLE 14.—AVERAGE ACREAGE, PER CENT OF FARM LAND IMPROVED, AND AVERAGE VALUES, BY TENURE: 1920 AND 1910.

| TENURE. | AVERAGE ACREAGE PER FARM. | | | | AVERAGE VALUE OF LAND AND BUILDINGS. | | | |
|---------------|---------------------------|-------|----------------|-------|--------------------------------------|------|-----------|----------|
| | All land. | | Improved land. | | Per cent of farm land improved. | | Per farm. | |
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| Total..... | 199.8 | 208.4 | 107.6 | 113.4 | 53.8 | 54.4 | \$13,885 | \$10,179 |
| Owners..... | 175.7 | 191.9 | 85.9 | 100.2 | 48.9 | 52.2 | 11,746 | 9,065 |
| Managers..... | 463.3 | 550.6 | 219.5 | 165.9 | 47.4 | 50.1 | 38,146 | 30,608 |
| Tenants..... | 277.3 | 267.7 | 188.7 | 188.1 | 68.0 | 70.3 | 20,587 | 14,487 |
| | | | | | | | 73.24 | 54.13 |

F FARMS BY SEX, RACE, AND NATIVITY OF FARMER.

TABLE 15.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY SEX AND TENURE OF FARMER: 1920.

| SEX AND TENURE. | Number of farms. | AVERAGE PER FARM. | | | Value of land and buildings. |
|-----------------|------------------|----------------------------|---------------------------------|------------------------------|------------------------------|
| | | All land in farms (acres). | Improved land in farms (acres). | Value of land and buildings. | |
| | | All land (acres). | Improved land (acres). | Value of land and buildings. | |
| Total..... | 66,288 | 13,244,720 | 7,129,343 | \$920,392,341 | 199.8 |
| Male..... | 53,855 | 12,982,616 | 7,005,131 | 808,424,475 | 203.3 |
| Female..... | 2,433 | 262,104 | 124,212 | 21,907,866 | 107.7 |
| Owners..... | 52,701 | 9,259,800 | 4,528,580 | 618,989,617 | 175.7 |
| Male..... | 50,440 | 9,024,519 | 4,422,146 | 599,026,491 | 178.9 |
| Female..... | 2,261 | 235,281 | 107,434 | 19,373,126 | 104.1 |
| Managers..... | 1,168 | 541,136 | 256,391 | 45,722,744 | 463.3 |
| Male..... | 1,149 | 539,487 | 255,537 | 45,480,644 | 469.5 |
| Female..... | 19 | 1,649 | 854 | 233,100 | 86.8 |
| Tenants..... | 12,419 | 3,443,784 | 2,343,872 | 255,689,980 | 277.8 |
| Male..... | 12,266 | 8,418,010 | 2,827,448 | 253,308,340 | 278.7 |
| Female..... | 153 | 25,174 | 15,924 | 2,361,640 | 164.5 |
| | | | | | 104.1 |
| | | | | | 15,433 |

TABLE 16.—NUMBER, ACREAGE, AND VALUE OF FARMS, CLASSIFIED BY NATIVITY OF WHITE FARMERS AND BY RACE OF COLORED FARMERS: 1920 AND 1910.

| COLOR AND NATIVITY OR RACE. | NUMBER OF FARMS. | | LAND IN FARMS, 1920 (ACRES). | | Value of land and buildings, 1920 |
|-----------------------------|------------------|--------|------------------------------|------------|-----------------------------------|
| | 1920 | 1910 | Total. | Improved. | |
| | All farmers..... | 66,288 | 56,192 | 13,244,720 | 7,129,343 |
| White farmers..... | 65,022 | 55,067 | 13,143,821 | 7,085,158 | 907,801,691 |
| Native..... | 45,265 | 37,770 | 10,287,175 | 5,523,148 | 895,904,575 |
| Foreign-born..... | 10,757 | 17,297 | 2,906,146 | 1,562,010 | 211,827,116 |
| Country of birth: | | | | | |
| Austria..... | 681 | 515 | 84,135 | 33,846 | 5,051,140 |
| Canada..... | 2,279 | 2,218 | 297,649 | 154,578 | 26,918,668 |
| Denmark..... | 995 | 945 | 191,006 | 121,717 | 12,913,677 |
| England..... | 1,126 | 1,206 | 132,366 | 51,486 | 10,641,271 |
| Finland..... | 1,206 | (2) | 78,936 | 26,781 | 6,274,220 |
| Germany..... | 3,001 | 3,687 | 668,078 | 338,698 | 39,268,104 |
| Holland..... | 540 | 230 | 43,436 | 19,452 | 5,482,455 |
| Ireland..... | 524 | 736 | 102,313 | 44,549 | 7,249,800 |
| Norway..... | 2,492 | 2,080 | 191,316 | 93,380 | 20,018,619 |
| Russia..... | 1,010 | 871 | 454,690 | 398,241 | 24,263,494 |
| Sweden..... | 3,231 | 2,399 | 275,435 | 116,072 | 24,622,639 |
| Switzerland..... | 679 | 538 | 99,011 | 43,990 | 9,009,987 |
| Other countries..... | 1,903 | 1,922 | 287,775 | 117,828 | 20,193,002 |
| Colored farmers..... | 1,268 | 1,125 | 101,399 | 44,185 | 12,599,650 |
| Negro..... | 79 | 77 | 6,815 | 2,250 | 538,450 |
| Indian..... | 400 | 673 | 67,645 | 20,589 | 3,350,740 |
| Japanese..... | 699 | 316 | 25,340 | 20,382 | 8,312,980 |
| Chinese..... | 23 | 59 | 1,590 | 955 | 338,450 |

¹ Includes farmers with country of birth not reported, as follows: For 1920, 912; for 1910, 102.

² Included with "other countries."

TABLE 17.—NUMBER OF FARMERS, CLASSIFIED BY TENURE, COLOR, AND NATIVITY: 1920 AND 1910.

| TENURE. | ALL FARMERS. | | NATIVE WHITE. ¹ | | FOREIGN-BORN WHITE. | | COLORED. | |
|---------------|--------------|--------|----------------------------|--------|---------------------|--------|----------|-------|
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| | 66,288 | 56,192 | 45,265 | 37,770 | 19,757 | 17,287 | 1,266 | 1,125 |
| Owners..... | 52,701 | 47,505 | 34,970 | 31,163 | 17,214 | 16,641 | 517 | 701 |
| Managers..... | 1,168 | 961 | 941 | 709 | 218 | 181 | 9 | 11 |
| Tenants..... | 12,419 | 7,726 | 9,364 | 5,838 | 2,325 | 1,475 | 740 | 413 |

¹ Includes farmers with country of birth not reported.

FARM MORTGAGES.

TABLE 18.—MORTGAGED FARMS: 1920 AND 1910.

[Owned farms only; includes all farms owned in whole or in part by the operator.]

| CLASS. | NUMBER OF OWNED FARMS. | | INCREASE. ¹ | | PER CENT OF TOTAL. | |
|-------------------------|------------------------|--------|------------------------|----------|--------------------|-------|
| | 1920 | 1910 | Number. | Percent. | 1920 | 1910 |
| Total..... | 52,701 | 47,505 | 5,196 | 10.9 | 100.0 | 100.0 |
| Free from mortgage..... | 25,012 | 30,979 | -5,967 | -19.3 | 47.5 | 65.2 |
| Mortgaged..... | 24,004 | 16,026 | 7,978 | 49.8 | 45.5 | 33.7 |
| Unknown..... | 3,685 | 500 | 3,185 | 637.0 | 7.0 | 1.1 |

¹ A minus sign (—) denotes decrease. The comparative figures shown for farms free from mortgage and mortgaged are affected somewhat by the fact that more farms were tabulated as "unknown" in 1920 than in 1910.

TABLE 19.—MORTGAGED FARMS (OR FARM HOMES): 1890 TO 1920.

| CLASS. | OWNED FARMS. | | OWNED FARM HOMES. | | PER CENT OF TOTAL. | |
|-------------------------|--------------|--------|-------------------|--------|--------------------|-------|
| | 1920 | 1910 | 1900 | 1890 | 1920 | 1910 |
| Total..... | 52,701 | 47,505 | 28,016 | 19,620 | 100.0 | 100.0 |
| Free from mortgage..... | 25,012 | 30,979 | 21,593 | 14,369 | 47.5 | 55.2 |
| Mortgaged..... | 24,004 | 16,026 | 6,001 | 5,251 | 45.5 | 33.7 |
| Unknown..... | 3,685 | 500 | 422 | — | 7.0 | 1.1 |

TABLE 20.—MORTGAGE DEBT: 1920 AND 1910.

| ITEM. | OWNED FARMS MORTGAGED. ¹ | | INCREASE. | |
|---|-------------------------------------|---------------|--------------|-----------|
| | 1920 | 1910 | Amount. | Per cent. |
| Number of farms reporting amount of debt..... | 19,503 | 12,715 | 6,788 | 53.4 |
| Value of land and buildings..... | \$202,018,288 | \$113,394,798 | \$88,623,490 | 78.2 |
| Amount of mortgage debt..... | \$31,120,951 | \$25,044,551 | \$35,476,400 | 138.3 |
| Ratio of debt to value, per cent..... | 30.3 | 22.6 | — | — |
| Average rate of interest paid, per cent..... | 6.6 | — | — | — |
| Average value per farm..... | \$10,258 | \$8,918 | \$1,440 | 16.1 |
| Average debt per farm..... | \$3,134 | \$2,017 | \$1,117 | 55.4 |
| Average equity per farm..... | \$7,224 | \$6,901 | \$323 | 4.7 |

¹ Includes only farms consisting wholly of owned land and reporting amount of debt. In considering the comparative figures, it should be borne in mind that the mortgage debt may have been more completely reported at one census than at the other.

FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED.

TABLE 21.—FARMS REPORTING EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

| ITEM. | NUMBER OF FARMS REPORTING. | | INCREASE. | | PER CENT OF ALL FARMS. | |
|--|----------------------------|--------------|--------------|----------|------------------------|------|
| | 1919 | 1909 | Number. | Percent. | 1919 | 1909 |
| Labor, total..... | \$34,121,457 | \$15,370,931 | \$18,750,526 | 122.0 | — | — |
| Amount in cash..... | 28,330,116 | 12,602,203 | 15,727,913 | 124.8 | — | — |
| Value of rent and board furnished..... | 5,791,341 | 2,768,728 | 3,022,613 | 109.2 | — | — |
| Fertilizer..... | 525,637 | 87,023 | 438,614 | 504.0 | — | — |
| Feed..... | 20,721,880 | 5,045,297 | 15,676,583 | 310.7 | — | — |

TABLE 22.—AMOUNT OF EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919 AND 1909.

| ITEM. | AMOUNT EXPENDED. | | INCREASE. | |
|--|------------------|--------------|--------------|-----------|
| | 1919 | 1909 | Amount. | Per cent. |
| Labor, total..... | \$34,121,457 | \$15,370,931 | \$18,750,526 | 122.0 |
| Amount in cash..... | 28,330,116 | 12,602,203 | 15,727,913 | 124.8 |
| Value of rent and board furnished..... | 5,791,341 | 2,768,728 | 3,022,613 | 109.2 |
| Fertilizer..... | 525,637 | 87,023 | 438,614 | 504.0 |
| Feed..... | 20,721,880 | 5,045,297 | 15,676,583 | 310.7 |

LIVE STOCK ON FARMS AND ELSEWHERE.

(DOMESTIC ANIMALS, POULTRY, AND BEES.)

Domestic animals: 1920 and 1910.—The census of 1920 was taken as of January 1 and that of 1910 as of April 15. Since a great many domestic animals are born during the period between January 1 and April 15 and, on the other hand, a considerable number of older animals are slaughtered or die during the same period, the numbers of the different classes of animals for the two censuses are not fully comparable. In addition to the change in the date of enumeration, there have been certain changes in the age and sex classifications. The 1910 figures presented in the following tables are therefore restricted to those classes of domestic animals which are least affected by these changes and for which the figures are fairly comparable with the 1920 returns.

Dairy cows: 1920 and 1910.—In 1910 the census called for "cows and heifers kept for milk" and "cows and heifers *not* kept for milk." The instructions read: "Report as cows kept for milk those whose milk is used in some form for human food. Cows milked for three months during the year should be reported as *kept for milk*, although a part of the year they run with their calves."

In 1920 the census called for "dairy cattle" and "beef cattle." Dairy cattle were defined as those "kept mainly for milk production," and the following instructions were given the enumerators: "Classify all cattle as beef cattle or as dairy cattle according to the principal purpose for which they are kept." It is believed that under this rule the fully established dairy and beef breeds have been properly reported, with few errors, and that cattle of the dual-purpose breeds or of no definite breeding have been placed in one class or the other, according to the principal purpose for which they are kept.

In states where cattle are raised extensively for beef production the result of this new classification will be to reduce materially the proportion of cows classified as dairy cows, and even in states having few strictly beef cattle the 1920 classification may be expected to give a somewhat smaller proportion of dairy cows than the 1910 classification.

In Washington the number of "dairy cows," including heifers 1 year old and over, reported for January 1, 1920, was 289,635, as compared with 186,233 "cows kept for milk" reported for April 15, 1910. This represents an increase of 103,402, or 55.5 per cent. The number of "beef cows" reported for January 1, 1920, was 88,969, as compared with 58,140 "cows not kept for milk" reported for April 15, 1910,

representing an increase of 30,829, or 53 per cent. The percentage of increase shown for dairy cows would have been even larger, except for the change in classification mentioned above, and the percentage of increase shown for beef cows correspondingly smaller.

Farms reporting domestic animals: 1910.—Horses were reported by 45,634 farms in Washington in 1910, mules by 2,447 farms, cattle by 42,885, sheep by 2,155, and swine by 23,049. In comparing these figures with the 1920 figures given in the table below, due allowance should be made for the fact that the total number of farms in Washington increased from 56,192 in 1910 to 66,288 in 1920.

TABLE 23.—DOMESTIC ANIMALS ON FARMS: 1920.

| CLASS. | FARMS REPORTING. | | ANIMALS. | | |
|---|------------------|------------------------|----------|--------------|----------------|
| | Number. | Per cent of all farms. | Number. | Value. | Average value. |
| Total..... | 60,821 | 91.8 | ..... | \$77,572,066 | ..... |
| Horses, total..... | 52,569 | 79.3 | 296,381 | 25,069,338 | \$84.58 |
| Colts under 1 year of age..... | 9,183 | 13.9 | 19,524 | 624,710 | 32.00 |
| Colts 1 year old and under 2 years..... | 10,090 | 15.2 | 21,529 | 1,028,894 | 47.79 |
| Mares 2 years old and over..... | 38,041 | 57.4 | 126,403 | 11,558,954 | 91.45 |
| Geldings 2 years old and over..... | 41,152 | 62.1 | 127,392 | 11,337,872 | 89.00 |
| Stallions 2 years old and over..... | 1,205 | 1.8 | 1,533 | 518,906 | 338.49 |
| Mules, total..... | 3,877 | 5.5 | 23,081 | 2,930,813 | 126.92 |
| Mule colts under 1 year of age..... | 801 | 1.2 | 1,878 | 105,708 | 58.29 |
| Mule colts 1 year old and under 2 years..... | 652 | 1.0 | 1,604 | 141,119 | 84.81 |
| Mules 2 years old and over..... | 2,909 | 4.4 | 19,549 | 2,683,988 | 137.30 |
| Asses and burros..... | 175 | 0.3 | 399 | 135,006 | 338.36 |
| Cattle, total..... | 54,513 | 82.2 | 572,644 | 36,558,949 | 63.84 |
| Beef cattle, total..... | 9,604 | 14.5 | 193,819 | 10,086,144 | 51.94 |
| Calves under 1 year of age..... | 6,353 | 9.6 | 51,062 | 1,270,435 | 25.06 |
| Heifers 1 year old and under 2 years..... | 4,043 | 6.1 | 24,045 | 1,031,569 | 42.00 |
| Cows and heifers 2 years old and over..... | 5,827 | 8.8 | 64,924 | 4,213,299 | 64.90 |
| Steers 1 year old and under 2 years..... | 3,588 | 5.4 | 26,861 | 1,303,092 | 48.51 |
| Steers 2 years old and over..... | 1,633 | 2.5 | 23,668 | 1,785,199 | 75.43 |
| Bulls 1 year old and over..... | 2,310 | 3.5 | 3,259 | 453,550 | 139.17 |
| Dairy cattle, total..... | 50,876 | 76.4 | 378,825 | 26,492,865 | 69.93 |
| Calves under 1 year of age..... | 27,640 | 41.7 | 80,990 | 1,852,862 | 22.88 |
| Heifers 1 year old and under 2 years..... | 21,049 | 31.8 | 51,385 | 2,433,968 | 47.39 |
| Cows and heifers 2 years old and over..... | 49,439 | 74.6 | 238,270 | 21,214,569 | 89.04 |
| Bulls 1 year old and over..... | 7,542 | 11.4 | 8,200 | 991,406 | 120.90 |
| Sheep, total..... | 4,244 | 6.4 | 623,779 | 7,750,407 | 12.42 |
| Lambs under 1 year of age..... | 2,796 | 4.2 | 151,969 | 1,487,459 | 9.66 |
| Ewes 1 year old and over..... | 3,444 | 5.2 | 438,571 | 5,763,621 | 12.14 |
| Rams 1 year old and over..... | 1,877 | 2.8 | 10,573 | 291,588 | 27.55 |
| Wethers 1 year old and over..... | 500 | 0.8 | 22,666 | 227,739 | 10.05 |
| Goats, total..... | 559 | 0.8 | 6,830 | 78,306 | 11.47 |
| Kids under 1 year of age, raised for fleeces..... | 98 | 0.1 | 656 | 3,344 | 5.10 |
| Goats 1 year old and over, raised for fleeces..... | 170 | 0.3 | 2,119 | 13,803 | 6.51 |
| All other goats..... | 461 | 0.7 | 4,055 | 61,159 | 15.08 |
| Swine, total..... | 35,715 | 53.9 | 264,747 | 5,049,249 | 19.07 |
| Pigs under 6 months old..... | 21,918 | 33.1 | 138,128 | 1,454,375 | 10.53 |
| Sows and gilts for breeding, 6 months old and over..... | 16,522 | 24.9 | 42,910 | 1,570,936 | 35.61 |
| Boars for breeding, 6 months old and over..... | 4,045 | 6.1 | 4,782 | 211,330 | 44.19 |
| All other hogs, 6 months old and over..... | 14,551 | 22.0 | 78,927 | 1,812,608 | 22.97 |

AGRICULTURE—WASHINGTON.

57

TABLE 24.—POULTRY AND BEES ON FARMS: 1920 AND 1910.

| ITEM. | FARMS REPORTING, 1920. | | NUMBER REPORTED. ¹ | | Value, 1920 | Aver- age value, 1920 |
|---------------------|---------------------------|---------------------------------|----------------------------------|-------------------|----------------|--------------------------------|
| | Num- ber. | Per cent of all farms. | 1920 (Jan. 1) | 1910 (Apr. 15) | | |
| Poultry, total..... | 57,082 | 86.1 | 3,614,475 | 2,272,775 | \$4,389,759 | \$1.21 |
| Chickens..... | 55,724 | 85.6 | 3,547,604 | 2,204,114 | 4,235,977 | 1.19 |
| Turkeys..... | 3,606 | 5.4 | 20,621 | 16,049 | 84,859 | 4.12 |
| Ducks..... | 2,504 | 3.8 | 15,643 | 13,179 | 21,640 | 1.38 |
| Geese..... | 3,265 | 4.9 | 13,935 | 14,588 | 39,369 | 2.83 |
| Guinea fowls..... | 1,027 | 1.5 | 3,922 | 1,763 | 3,777 | 0.96 |
| Pigeons..... | 681 | 1.0 | 12,750 | 22,701 | 4,137 | 0.32 |
| Hives of bees..... | 8,068 | 12.2 | 56,806 | 33,884 | 354,305 | 6.24 |

¹ The numbers of the different classes of poultry are not strictly comparable for the two censuses, since a considerable number of fowls are killed between Jan. 1 and Apr. 15.

² Includes small numbers of peafowls and pheasants.

TABLE 25.—SELECTED CLASSES OF DOMESTIC ANIMALS ON FARMS: 1920 AND 1910.

| CLASS. | NUMBER. | | INCREASE. ¹ | |
|--|------------------|-------------------|------------------------|--------------|
| | 1920 (Jan. 1) | 1910 (Apr. 15) | Number. | Per cent. |
| Horses: | | | | |
| Total, excluding spring colts reported for 1910..... | 296,381 | * 269,501 | 26,880 | 10.0 |
| Colts under 1 year old on Jan. 1 of census year..... | 19,524 | 27,272 | -7,748 | -28.4 |
| Horses 1 year old and over on Jan. 1 of census year..... | 276,857 | 241,624 | 35,233 | 14.6 |
| Mules: | | | | |
| Total, excluding spring colts reported for 1910..... | 23,091 | 11,622 | 11,469 | 98.7 |
| Mule colts under 1 year old on Jan. 1 of census year..... | 1,878 | 1,673 | 205 | 12.3 |
| Mules 1 year old and over on Jan. 1 of census year..... | 21,213 | 9,949 | 11,264 | 113.2 |
| Cattle: | | | | |
| Total, excluding spring calves reported for 1910..... | 572,644 | * 344,932 | 227,712 | 66.0 |
| Calves under 1 year old on Jan. 1 of census year..... | 132,052 | 72,115 | 59,937 | 83.1 |
| Cows and heifers 1 year old and over on Jan. 1 of census year..... | 378,604 | 244,373 | 134,231 | 54.9 |
| Steers and bulls 1 year old and over on Jan. 1 of census year..... | 61,988 | 24,711 | 37,277 | 150.9 |
| Sheep: | | | | |
| Total, excluding spring lambs reported for 1910..... | 623,779 | 295,264 | 328,515 | 111.3 |

¹ A minus sign (—) denotes decrease.

² Includes animals not classified.

TABLE 26.—DOMESTIC ANIMALS NOT ON FARMS: 1920 AND 1910.

| CLASS. | INCLOSURES REPORTING. | | ANIMALS. | | | |
|--|-----------------------|-------------------|------------------|-------------------|------------------------|--------------|
| | | | Number. | | Increase. ¹ | |
| | 1920 (Jan. 1) | 1910 (Apr. 15) | 1920 (Jan. 1) | 1910 (Apr. 15) | Num- ber. | Per cent. |
| Total..... | 18,548 | 20,509 | ..... | ..... | ..... | ..... |
| Horses..... | 6,596 | 13,654 | 18,359 | 44,017 | -26,258 | -58.9 |
| Horses 1 year old and over on Jan. 1 of census year..... | ..... | ..... | 18,016 | 43,933 | -25,917 | -59.0 |
| Mules..... | 235 | 265 | 1,257 | 1,804 | -547 | -30.3 |
| Mules 1 year old and over on Jan. 1 of census year..... | ..... | ..... | 1,216 | 1,760 | -544 | -30.9 |
| Asses and burros..... | 55 | 35 | 104 | 114 | -10 | -8.8 |
| Cattle..... | 13,766 | 11,163 | 32,009 | 21,730 | 11,179 | 51.4 |
| Cattle 1 year old and over on Jan. 1 of census year..... | ..... | ..... | 28,331 | 16,785 | 11,546 | 68.8 |
| Sheep..... | 223 | 61 | 24,506 | 2,957 | 21,549 | 728.7 |
| Goats..... | 254 | 79 | 810 | 789 | 21 | 2.7 |
| Swine..... | 4,367 | 937 | 16,910 | 4,274 | 12,636 | 295.6 |

¹ A minus sign (—) denotes decrease.

TABLE 27.—TOTAL NUMBER OF DOMESTIC ANIMALS: 1920.

| CLASS. | Total. | On farms. | Not on farms. |
|----------------------------------|---------|-----------|------------------|
| Horses..... | 314,740 | 296,381 | 18,359 |
| Horses 2 years old and over..... | 272,865 | 255,328 | 17,537 |
| Mules..... | 24,348 | 23,091 | 1,257 |
| Mules 2 years old and over..... | 20,720 | 19,549 | 1,171 |
| Asses and burros..... | 503 | 399 | 104 |
| Cattle..... | 605,553 | 572,644 | 32,909 |
| Beef cattle..... | 202,497 | 193,819 | 8,678 |
| Dairy cattle..... | 403,056 | 378,825 | 24,231 |
| Dairy cows..... | 256,718 | 238,270 | 18,448 |
| Sheep..... | 648,285 | 623,779 | 24,506 |
| Goats..... | 7,640 | 6,830 | 810 |
| Swine..... | 281,657 | 264,747 | 16,910 |

LIVE-STOCK PRODUCTS.

Farm value of live-stock products: 1919 and 1909.—The Thirteenth Census schedule called for the total value as well as the total quantity of all live-stock products, whether sold or consumed on the farm. The 1909 values are therefore based directly on the reported figures. But in the Fourteenth Census schedule the question as to value in the case of dairy products, eggs, and chickens was restricted to the amounts sold. The 1919 value of butter made on farms has been computed on the basis of the average value received per pound for butter sold; the values of eggs produced and chickens raised have been computed in a similar way. The values of cheese made on farms and of honey and wax produced have been computed on the basis of average values per pound secured through the Bureau of Crop Estimates of the Department of Agriculture. The method of obtaining these average values was the same as that used for securing average values for the important crops, which is described in a later paragraph.

Dairy products.—It is difficult to secure reports of the total quantity of milk produced during a given year, especially from farmers who keep cows chiefly to supply milk and butter for family use. Since such farmers usually keep no records, they are able to make only rough estimates of the milk production and frequently underestimate the quantity of milk produced for home use. Many farmers, too, either because they are unwilling to make any estimates or for other reasons, fail to report their milk production, even though they report butter or other dairy products as well as dairy cows.

For several decades past the Bureau of the Census has made estimates for such incomplete reports, where the farmer reported "cows kept for milk" but failed to report the amount of milk produced, these estimates being based on the average production per cow as shown by the complete reports. Since farmers with first-class dairy herds and up-to-date methods are more likely to make complete reports than those with cows of a lower grade, the estimates obtained in

AGRICULTURE—WASHINGTON.

this way have probably been somewhat above the actual production. With the new basis of classification for dairy cows in use for 1920, however, as already noted, the estimates should be more satisfactory than heretofore, since milk will be estimated only for cows kept mainly for milk production.

In the table which follows, both the actual reported quantity of milk produced and the estimated total are given. The latter includes, in addition to the milk reported, an estimate of the amount of milk produced on farms which reported dairy cows but failed to report any milk. A certain quantity of milk, on the other hand, was reported from farms which reported no dairy cows. This is included in the total and may represent either milk produced by beef cows milked a part of the year on farms having no dairy cows or milk produced on farms which kept dairy cows some time during the year 1919 but had none on January 1, 1920. It may be safely assumed that the returns for butter and cheese made on farms and for milk, cream, butter fat, and butter sold are much more nearly complete than in the case of milk produced. Hence no estimates have been made for these items.

TABLE 28.—DAIRY COWS ON FARMS, 1920; AND DAIRY PRODUCTS, 1919 AND 1909.

| ITEM. | FARMS REPORTING. | | Number or quantity. | Unit. | Value. |
|---|------------------|------------------------|---------------------|-----------|--------------|
| | Number. | Per cent of all farms. | | | |
| Dairy cows on farms Jan. 1, 1920, total..... | 49,439 | 74.6 | 238,270 | Head..... | |
| On farms reporting milk produced..... | 42,972 | 64.8 | 209,365 | Head..... | |
| On farms not reporting milk produced..... | 6,467 | 9.8 | 28,905 | Head..... | |
| Average production of milk per dairy cow, 1919 ¹ | | | 571 | Gals..... | |
| Specified dairy products: | | | | | |
| Milk, as reported.....1919 | 124,019,763 | | Gals..... | | |
| 1909..... | 70,083,033 | | Gals..... | | |
| Increase, 1909-1919..... | 53,936,730 | | Gals..... | | |
| Per cent of increase..... | 77.0 | | | | |
| Total production of milk, including estimates.....1919 | 140,524,518 | | Gals..... | | |
| Butter made.....1919 | 31,783 | 47.9 | 5,899,678 | Lbs..... | \$3,296,726 |
| 1909..... | 24,674 | 43.9 | 6,751,375 | Lbs..... | \$1,992,249 |
| Cheese made.....1919 | 264 | 0.4 | 84,868 | Lbs..... | \$28,006 |
| 1909..... | 88 | 0.2 | 52,970 | Lbs..... | \$6,787 |
| Milk sold.....1919 | 13,041 | 19.7 | 63,575,339 | Gals..... | \$16,363,465 |
| 1909..... | 5,605 | 10.0 | 25,524,209 | Gals..... | \$3,889,006 |
| Cream sold.....1919 | 5,566 | 8.4 | 1,580,806 | Gals..... | \$2,233,112 |
| 1909..... | 3,343 | 5.9 | 1,611,261 | Gals..... | \$1,486,924 |
| Butter fat sold.....1919 | 11,707 | 17.7 | 9,738,094 | Lbs..... | \$5,698,922 |
| 1909..... | 3,759 | 6.7 | 4,386,283 | Lbs..... | \$1,371,075 |
| Butter sold.....1919 | 12,244 | 18.5 | 2,012,530 | Lbs..... | \$1,117,183 |
| 1909..... | 11,774 | 21.0 | 3,112,326 | Lbs..... | \$941,285 |
| Value of milk, cream, and butter fat sold, and of butter and cheese made ².....1919 | | | \$27,820,231 | | |
| 1909..... | | | \$8,746,041 | | |
| Increase, 1909-1919..... | | | \$18,874,190 | | |
| Per cent of increase..... | | | 215.8 | | |
| Receipts from sale of dairy products ³.....1919 | | | \$25,412,685 | | |
| 1909..... | | | \$7,693,479 | | |
| Increase, 1909-1919..... | | | \$17,719,206 | | |
| Per cent of increase..... | | | 230.3 | | |

¹ Based on the 1919 milk production as reported for dairy cows, and the number of dairy cows on hand Jan. 1, 1920.

² This item represents the total farm value of dairy products, excluding milk and cream consumed as such on the farm where produced.

³ Figures for 1919 do not include "cheese sold," as that item was not reported for 1919. The value of cheese sold in 1909 was \$5,189.

TABLE 29.—SHEEP ON FARMS, 1920 AND 1910; GOATS ON FARMS, 1920; AND WOOL AND MOHAIR PRODUCED, 1919 AND 1909.

| ITEM. | Farms reporting. | Number of sheep (or goats) on hand. | WOOL (OR MOHAIR) PRODUCED. | | |
|--|------------------|-------------------------------------|----------------------------|------------------|-------------|
| | | | Number of animals shorn. | Weight (pounds). | Value. |
| Sheep on farms Jan. 1, 1920, total..... | 4,244 | 623,770 | | | |
| On farms reporting wool..... | 2,478 | 501,617 | | | |
| On farms not reporting wool..... | 1,766 | 122,162 | | | |
| Sheep of shearing age ¹ on farms Apr. 15, 1910..... | 2,005 | 295,264 | | | |
| Wool produced, as reported, total.....1919 | 2,608 | | 463,708 | 4,077,443 | \$1,849,307 |
| On farms reporting sheep..... | 2,478 | | 457,909 | 4,030,230 | \$1,826,659 |
| On farms not reporting sheep..... | 130 | | 5,799 | 47,213 | \$22,348 |
| Total production of wool, including estimates.....1919 | | | | 5,008,945 | \$2,251,025 |
| 1909..... | | | | 3,135,348 | \$336,708 |
| Increase, 1909-1919..... | | | | 1,873,597 | \$1,717,317 |
| Per cent of increase..... | | | | 59.8 | 320.0 |
| Goats raised for fleeces, on farms Jan. 1, 1920..... | 175 | 2,775 | | | |
| Mohair produced, as reported, total.....1919 | 169 | | 2,680 | 9,834 | \$4,714 |
| 1909..... | 164 | | | 19,120 | \$4,668 |

¹ Sheep born before Jan. 1, 1910.

TABLE 30.—CHICKENS (OR FOWLS) ON FARMS, 1920 AND 1910; AND POULTRY PRODUCTS, 1919 AND 1909.

[The products shown for 1919 include chicken eggs and chickens only, while the 1909 figures include the products of all kinds of poultry.]

| ITEM. | FARMS REPORTING. | | Number or quantity. | Value. |
|--|------------------|------------------------|---------------------|-------------|
| | Number. | Per cent of all farms. | | |
| Chickens on farms Jan. 1, 1920, total..... | 56,724 | 85.6 | 3,547,604 | |
| On farms reporting eggs produced..... | 50,389 | 76.0 | 3,309,078 | |
| On farms reporting chickens raised..... | 39,434 | 59.5 | 2,778,566 | |
| Fowls on farms Apr. 15, 1910..... | 44,006 | 79.9 | 2,272,775 | |
| Eggs produced, as reported.....1919 | 50,727 | 76.5 | 20,117,449 | \$9,531,429 |
| Total production of eggs, including estimates.....1919 | | | 21,356,576 | 10,037,591 |
| 1909..... | | | 16,472,575 | 4,311,291 |
| Eggs sold, as reported.....1919 | 33,003 | 49.8 | 13,107,150 | 6,299,710 |
| 1909..... | 20,621 | 47.4 | 8,572,408 | 2,302,128 |
| Chickens raised, as reported.....1919 | 39,710 | 59.9 | 3,834,122 | 2,943,048 |
| Total chickens raised, including estimates.....1919 | | | 4,800,217 | 3,742,367 |
| 1909..... | | | 3,722,257 | 1,873,608 |
| Chickens sold, as reported.....1919 | 18,491 | 27.9 | 1,482,355 | 1,141,058 |
| 1909..... | 20,049 | 35.7 | 1,250,839 | 693,092 |

TABLE 31.—BEES ON FARMS, 1920 AND 1910; AND HONEY AND WAX PRODUCED, 1919 AND 1909.

| ITEM. | Farms reporting. | Hives of bees. | PRODUCT. | |
|--|------------------|----------------|--------------------|-----------|
| | | | Quantity (pounds). | Value. |
| Bees on farms Jan. 1, 1920, total..... | 8,068 | 56,806 | | |
| On farms reporting honey..... | 4,908 | 45,492 | | |
| On farms not reporting honey..... | 3,160 | 11,314 | | |
| Bees on farms Apr. 15, 1910..... | 5,886 | 33,884 | | |
| Honey produced.....1919 | 4,943 | | 1,596,206 | \$399,059 |
| 1909..... | 3,149 | | 503,580 | 65,196 |
| Wax produced.....1919 | | | 17,420 | 8,382 |
| 1909..... | | | 4,038 | 1,185 |

CROPS.

Summary: 1919 and 1909.—This section summarizes the census data relative to all of the farm crops of 1919 and 1909, including the percentage of increase for the decade in acreage, production, and value.

In comparing one year with another it should be borne in mind that the acreage of crops (or the number of fruit trees) and the number of farms reporting are on the whole a better index of the general changes or tendencies in agriculture than either the quantity or the value of the crops, since variations in quantity may be due mainly to favorable or unfavorable seasons, and variations in the value of the crops may result largely from changes in prices.

The combined acreage of crops harvested in Washington in 1919 for which the acreage was reported was 4,001,620, which represents 56.1 per cent of the total improved land in farms (7,129,343 acres). The total crop acreage reported for 1909 was 3,429,591, or 53.8 per cent of the improved land in farms (6,373,311 acres). Most of the remaining improved land doubtless consisted of improved pasture, land lying fallow, house and farm yards, and land occupied by orchards and vineyards, the acreage of which was not reported.

In addition to the crops regularly harvested in 1919, as shown in the tables, there were reported 11,392 acres of mature crops grazed or "hogged off."

TABLE 32.—SUMMARY FOR ALL CROPS: 1919 AND 1909.

| CROP. | F FARMS REPORTING. | | | | ACRES HARVESTED. | | | PRODUCTION. | | | | | | |
|---|--------------------|--------|------------------------|-------|------------------|-----------|------------------------------------|-------------|------------|------------|------------------------------------|-------------|------------|------------------------------------|
| | Number. | | Per cent of all farms. | | 1919 | 1909 | Per cent of increase. ¹ | Quantity. | | | Value. | | | |
| | 1919 | 1909 | 1919 | 1909 | | | | Unit. | 1919 | 1909 | Per cent of increase. ¹ | 1919 | 1909 | Per cent of increase. ¹ |
| All crops..... | | | | | 2,850,910 | 2,591,592 | 10.0 | Bu.... | 53,380,502 | 60,610,807 | -11.9 | 104,988,261 | 44,762,138 | 134.3 |
| With acreage reports..... | 5,271 | 3,128 | 8.0 | 5.6 | 34,799 | 26,053 | 33.7 | Bu.... | 901,905 | 563,025 | +60.2 | 1,623,433 | 404,387 | 301.5 |
| With no acreage reports..... | 11,365 | 10,139 | 17.1 | 18.0 | 191,673 | 269,742 | -28.9 | Bu.... | 8,073,481 | 13,228,003 | -39.0 | 8,073,481 | 5,870,857 | 37.5 |
| Gerals, total ² | 19,191 | 18,865 | 29.0 | 24.7 | 2,494,160 | 2,118,015 | 17.8 | Bu.... | 41,837,909 | 49,920,390 | +2.2 | 91,206,642 | 35,102,370 | 159.8 |
| Corn..... | 12,571 | 7,947 | 19.0 | 14.1 | 1,166,584 | 981,694 | 18.8 | Bu.... | 24,579,955 | 20,816,392 | 18.1 | 53,584,302 | 17,288,825 | 210.8 |
| Oats..... | 12,505 | 19.0 | 19.0 | 19.0 | 1,327,576 | 1,186,321 | 16.8 | Bu.... | 17,257,954 | 20,103,998 | -14.2 | 37,622,340 | 17,863,545 | 110.6 |
| Wheat, total..... | 3,778 | 3,333 | 5.7 | 5.9 | 84,568 | 171,888 | -50.8 | Bu.... | 2,249,856 | 5,834,615 | -61.4 | 3,374,792 | 3,331,930 | 1.3 |
| Winter..... | 1,033 | 215 | 1.6 | 0.4 | 41,077 | 5,450 | 684.7 | Bu.... | 239,653 | 50,748 | 252.6 | 459,306 | 43,674 | 944.5 |
| Spring..... | 36 | 29 | 0.1 | 0.1 | 162 | 148 | 9.5 | Bu.... | 2,277 | 3,138 | -27.4 | 4,534 | 2,220 | 105.1 |
| Barley..... | 595 | ..... | 0.9 | ..... | 3,687 | ..... | ..... | Bu.... | 92,364 | ..... | ..... | 138,552 | ..... | ..... |
| Rye..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Buckwheat..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Mixed crops ³..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Other grains and seeds with acreage reports, total..... | 732 | 268 | 1.1 | 0.6 | 32,751 | 3,550 | 822.6 | Bu.... | 460,884 | 94,357 | 388.4 | 1,426,239 | 125,741 | 125.1 |
| Dry edible beans..... | 22 | 22 | (6) | (6) | 1,783 | 353 | 405.1 | Bu.... | 17,683 | 3,311 | 434.1 | 74,269 | 9,656 | 689.1 |
| Soy beans..... | 23 | ..... | ..... | ..... | 45 | ..... | ..... | Bu.... | 295 | ..... | ..... | 885 | ..... | ..... |
| Dry peas..... | 1,812 | 916 | 2.7 | 1.6 | 30,822 | 3,196 | 884.7 | Bu.... | 442,620 | 91,032 | 386.2 | 1,349,991 | 116,066 | 116.6 |
| Flaxseed..... | 4 | 1 | (6) | (6) | 91 | 1 | ..... | Bu.... | 286 | 14 | ..... | 1,144 | 20 | ..... |
| Seeds with no acreage reports, total..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | Bu.... | 10,491 | 3,355 | 212.7 | 1,964,389 | 46,959 | ..... |
| Red clover seed..... | 68 | ..... | 0.1 | ..... | ..... | ..... | ..... | Bu.... | 4,400 | 328 | ..... | 132,000 | 3,403 | ..... |
| Other clover and alfalfa seed..... | 22 | ..... | ..... | ..... | ..... | ..... | ..... | Bu.... | 880 | ..... | ..... | 24,640 | ..... | ..... |
| Timothy seed..... | 14 | 7 | (5) | (5) | ..... | ..... | ..... | Bu.... | 140 | 342 | -59.1 | 1,120 | 1,158 | -3.3 |
| Vetch seed..... | 82 | 45 | 0.1 | 0.1 | ..... | ..... | ..... | Bu.... | 4,779 | 1,632 | 192.8 | 31,066 | 3,503 | 786.8 |
| Other grass seed..... | 14 | 6 | (5) | (5) | ..... | ..... | ..... | Bu.... | 293 | 389 | -24.9 | 1,460 | 724 | 101.7 |
| Hay and forage, total ⁴ | 50,586 | 38,897 | 76.3 | 69.2 | 1,064,130 | 742,741 | ..... | Tons.... | 2,013,913 | 1,399,597 | 47,717,065 | 17,200,252 | ..... | ..... |
| All tame or cultivated grasses..... | ..... | ..... | ..... | ..... | 494,323 | 344,013 | 43.7 | Tons.... | 1,169,646 | 819,316 | 42.8 | 28,427,624 | 10,365,497 | 174.3 |
| Timothy alone..... | 4,471 | 5,310 | 6.7 | 9.4 | 60,536 | 88,298 | -42.8 | Tons.... | 79,269 | 143,461 | -44.7 | 2,378,070 | 2,168,916 | 9.6 |
| Timothy and clover mixed..... | 14,806 | 11,220 | 22.3 | 20.0 | 145,252 | 120,890 | 20.2 | Tons.... | 306,480 | 253,194 | 21.0 | 7,508,770 | 3,635,526 | 106.5 |
| Clover alone..... | 3,274 | 2,108 | 4.9 | 3.9 | 17,795 | 10,897 | 63.3 | Tons.... | 37,108 | 21,923 | 69.3 | 890,592 | 293,948 | 203.0 |
| Alfalfa..... | 14,583 | 5,643 | 22.0 | 10.0 | 228,787 | 94,900 | 141.1 | Tons.... | 655,876 | 357,595 | 83.4 | 15,741,019 | 3,667,991 | 329.1 |
| Other tame grasses ⁵ | 3,878 | ..... | 5.9 | ..... | 51,983 | 29,028 | 79.0 | Tons.... | 90,913 | 43,143 | 110.7 | 1,808,173 | 599,016 | 218.7 |
| Wild salt, or prairie grasses..... | 1,734 | 1,180 | 2.6 | 2.0 | 30,056 | 28,108 | 6.7 | Tons.... | 33,179 | 30,563 | 8.6 | 630,401 | 288,016 | 111.5 |
| Small grains cut for hay..... | 28,782 | 24,119 | 44.9 | 42.9 | { 477,081 | 358,543 | 35.1 | Tons.... | 536,868 | 499,955 | 9.5 | 14,763,878 | 6,225,515 | 141.1 |
| Annual legumes cut for hay..... | 1,046 | 1,046 | 1.0 | 1.0 | 7,412 | ..... | ..... | Tons.... | 10,727 | 499,955 | 9.5 | 246,721 | ..... | ..... |
| Silage crops..... | 3,045 | ..... | 4.6 | ..... | 22,540 | ..... | ..... | Tons.... | 154,832 | ..... | ..... | 1,703,152 | ..... | ..... |
| Corn cut for forage ⁶ | 4,944 | ..... | 7.5 | ..... | 24,725 | 10,382 | ..... | Tons.... | 40,740 | 26,700 | ..... | 528,620 | 163,471 | ..... |
| Kafir, sorghum, etc., for forage..... | 178 | ..... | 0.3 | ..... | 620 | ..... | ..... | Tons.... | 1,334 | 23,063 | 188.7 | 1,398,327 | 142,753 | 879.5 |
| Root crops for forage..... | 6,612 | ..... | 10.0 | ..... | 7,374 | 1,635 | 351.0 | Tons.... | 66,537 | ..... | ..... | 18,322,982 | 5,982,686 | 208.3 |
| Vegetables, total..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| Potatoes (Irish or white)..... | 36,085 | 31,712 | 54.4 | 56.4 | 55,132 | 57,897 | -4.8 | Bu.... | 5,866,710 | 7,067,171 | -23.5 | 12,320,068 | 2,993,737 | 311.5 |
| Sweet potatoes and yams..... | 8 | ..... | (6) | ..... | 5 | ..... | ..... | Bu.... | 500 | ..... | ..... | 418 | ..... | ..... |
| Other vegetables ⁷ | 4,906 | 31,894 | 7.4 | 56.8 | 9,460 | 24,410 | ..... | ..... | ..... | ..... | ..... | 2,263,380 | 2,988,510 | ..... |
| Farm garden ⁸ | 47,604 | 71.9 | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 3,739,509 | ..... | ..... |
| Miscellaneous crops, total..... | ..... | ..... | ..... | ..... | 6,528 | 3,898 | 67.5 | ..... | ..... | ..... | ..... | 1,232,715 | 713,153 | 72.9 |
| Sorghum grown for sirup..... | 29 | 8 | (5) | (5) | 27 | 12 | ..... | Tons.... | 104 | 71 | ..... | 1,928 | 577 | 234.1 |
| Sugar beets grown for sugar..... | 484 | 48 | 0.7 | 0.1 | 5,363 | 1,270 | 322.3 | Tons.... | 46,388 | 6,556 | 607.5 | 500,969 | 38,007 | ..... |
| Hops..... | 76 | 155 | 0.1 | 0.3 | 1,129 | 2,433 | -53.6 | Lbs.... | 1,615,761 | 3,432,504 | -52.9 | 727,082 | 665,493 | 9.3 |
| Sundry minor crops ⁹..... | ..... | ..... | ..... | ..... | 9 | 183 | -95.1 | ..... | ..... | ..... | ..... | 2,726 | 9,076 | -70.0 |
| Fruits and nuts, total..... | 11,594 | 17.5 | ..... | ..... | 7,434 | 5,508 | 35.0 | Qts.... | 16,884,745 | 13,490,930 | 25.2 | 3,490,388 | 941,415 | 270.8 |
| Small fruits..... | 11,594 | 17.5 | ..... | ..... | 7,434 | 5,508 | 35.0 | Qts.... | 16,884,745 | 13,490,930 | 25.2 | 3,490,388 | 941,415 | 270.8 |
| Other fruits and nuts..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | ..... | 4,329,058 | ..... | ..... |

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.

² Excluding 24,725 acres reported for corn cut for forage, which is practically all duplicated in the acreage shown for corn harvested as grain.

³ Includes small quantities of emmer and spelt, and kafir and milo.

⁴ Principally oats and peas, oats and wheat, oats and vetch, and wheat and vetch grown and harvested together.

⁵ Less than one-tenth of 1 per cent.

⁶ The 1909 totals include a small quantity of cheat seed. The total values include the value of flower and vegetable seeds as follows: For 1919, \$1,774,103; for 1909, \$37,571. The acreage for flower and vegetable seeds was incompletely reported and has not been tabulated. The entire acreage from which the grass and clover

seeds were secured is believed to be included in the acreage given elsewhere for hay and forage.

⁷ Corn cut for forage was not reported to any extent in 1909; hence no close comparison between 1919 and 1909 can be made, either for the hay and forage totals or for the bracketed group in which corn cut for forage appears.

⁸ Includes millet and Hungarian grass.

⁹ The 1919 figures represent vegetables raised for sale only.

¹⁰ In 1909 the value of the farm garden was largely included in the value of "other vegetables."

¹¹ These crops comprise maple syrup (value only), ginseng, tobacco, and broom corn (1919 and 1909), and willows (1909).

Farm value of crops.—At the census of 1920 the farm schedule called for the value of all farm property, including live stock, and the value of live-stock products sold.

In the case of farm crops, however, wherever a unit value could be used, such as the value per bushel or per ton, the farmer was asked to report the acreage and production of each crop but not the value. To supplement the information obtained from the farmers, the Bureau of Crop Estimates of the United States Department of Agriculture secured by special schedule from its crop reporters average values for such crops. These special schedules were tabulated by the Bureau of the Census, and the resulting averages, approved by the Bureau of Crop Estimates as representing a fair average of the farm value per unit, were used in computing most of the crop values presented in the accompanying tables.

TABLE 33.—ACREAGE OF IMPORTANT CROPS: 1879 TO 1919.

| CROP. | 1919 | 1909 | 1899 | 1889 | 1879 |
|---------------------|-----------|-----------|-----------|---------|--------|
| Corn..... | 34,799 | 26,033 | 10,483 | 9,583 | 2,117 |
| Oats..... | 191,673 | 269,742 | 126,841 | 65,089 | 37,962 |
| Wheat..... | 2,494,160 | 2,118,015 | 1,068,102 | 372,658 | 81,554 |
| Barley..... | 84,568 | 171,888 | 122,298 | 51,551 | 14,680 |
| Rye..... | 41,677 | 5,450 | 3,077 | 1,763 | 518 |
| Hay and forage..... | 1,064,130 | 742,741 | 407,139 | 286,013 | 56,749 |
| Potatoes..... | 55,132 | 57,897 | 25,119 | 13,080 | 7,033 |

¹ Includes 24,725 acres in corn cut for forage. This crop was not included to any extent in the hay and forage totals prior to 1919.

TABLE 34.—PERCENTAGES AND AVERAGES FOR IMPORTANT CROPS: 1919 AND 1909.

| CROP. | PER CENT OF IMPROVED LAND OCCUPIED. | | AVERAGE YIELD PER ACRE. | | | AVERAGE VALUE PER ACRE. | |
|---------------------|-------------------------------------|------|-------------------------|-------|-------|-------------------------|---------|
| | 1919 | 1909 | Unit. | 1919 | 1909 | 1919 | 1909 |
| Corn..... | 0.5 | 0.4 | Bu.... | 25.9 | 21.6 | \$46.65 | \$15.53 |
| Oats..... | 2.7 | 4.2 | Bu.... | 42.1 | 49.0 | 42.12 | 21.76 |
| Wheat..... | 35.0 | 33.2 | Bu.... | 16.8 | 19.3 | 36.57 | 16.57 |
| Barley..... | 1.2 | 2.7 | Bu.... | 26.6 | 33.9 | 39.91 | 19.38 |
| Rye..... | 0.6 | 0.1 | Bu.... | 5.5 | 9.3 | 11.02 | 8.07 |
| Hay and forage..... | 14.9 | 11.7 | Tons.. | 1.89 | 1.88 | 44.84 | 23.16 |
| Potatoes..... | 0.8 | 0.9 | Bu.... | 106.4 | 132.4 | 223.47 | 51.71 |

For some products it was not possible to find any satisfactory unit on which to base a computation of the total value. Values were therefore obtained on the 1920 census schedule for vegetables, other than potatoes and sweet potatoes, and for the farm garden.

TABLE 35.—VEGETABLES RAISED FOR SALE: 1919.

[Vegetables other than potatoes and sweet potatoes.]

| CROP. | FARMS REPORTING. | | Acres harvested. | Value of product. |
|---------------------------------|------------------|------------------------|------------------|-------------------|
| | Number. | Per cent of all farms. | | |
| Total..... | 4,906 | 7.4 | 8,480 | \$2,263,380 |
| Asparagus..... | 231 | 0.3 | 300 | 71,677 |
| Beans (green)..... | 968 | 1.5 | 451 | 70,694 |
| Cabbages..... | 1,304 | 2.0 | 1,241 | 237,124 |
| Cantaloupes and muskmelons..... | 293 | 0.4 | 512 | 110,220 |
| Carrots..... | 490 | 0.7 | 266 | 62,555 |
| Corn (sweet)..... | 1,287 | 1.9 | 1,477 | 163,54 |
| Cucumbers..... | 503 | 0.8 | 307 | 51,440 |
| Lettuce..... | 348 | 0.5 | 489 | 144,041 |
| Onions..... | 978 | 1.5 | 856 | 415,427 |
| Peas (green)..... | 735 | 1.1 | 498 | 101,666 |
| Squashes..... | 178 | 0.3 | 219 | 27,756 |
| Tomatoes..... | 1,188 | 1.8 | 863 | 287,222 |
| Watermelons..... | 295 | 0.4 | 525 | 53,554 |
| All other vegetables..... | 227 | 0.3 | 1,012 | 285,922 |
| Mixed vegetables..... | | | 444 | 179,198 |

TABLE 36.—SUGAR CROPS: 1919 AND 1909.

| CROP. | FARMS REPORTING. | | Acres (or trees). | PRODUCTION. | | | |
|-----------------------------------|------------------|------------------------|-------------------|-------------|--------|---------|--------|
| | Num-ber. | Per cent of all farms. | | Quantity. | Unit. | Value. | |
| Maple sugar and sirup, total..... | 1919..... | 1 | (1) | 20 | | \$15 | |
| | 1909..... | 1 | (1) | 50 | | 10 | |
| Sirup made..... | 1919..... | | 5 | Gals. | 15 | | |
| | 1909..... | 1 | (1) | 10 | Gals.. | 10 | |
| Sugar beets grown for sugar..... | 1919..... | 484 | 0.7 | 46,386 | Tons.. | 500,969 | |
| | 1909..... | 48 | 0.1 | 1,270 | 6,556 | Tons.. | 38,007 |
| Sorghum grown for sirup..... | 1919..... | 29 | (1) | 27 | Tons.. | ..... |  |
| | 1909..... | 8 | (1) | 12 | Tons.. | ..... |  |
| Sirup made..... | 1919..... | | 1,285 | Gals.. | 1,928 | | |
| | 1909..... | | 634 | Gals.. | 577 | | |

¹ Less than one-tenth of 1 per cent.

² Figures include estimates for incomplete reports.

AGRICULTURE—WASHINGTON.

61

TABLE 37.—SMALL FRUITS: 1919 AND 1909.

| CBOP. | FARMS REPORTING. | | Acres harvested. | PRODUCTION. | | |
|-----------------------------------|------------------|------------------------|------------------|--------------------|-------------|--|
| | Number. | Per cent of all farms. | | Quantity (quarts). | Value. | |
| | | | | | | |
| Total..... | 1919..... | 11,594 | 17.5 | 7,434 | \$3,490,388 | |
| | 1909..... | 5,508 | 13,480,930 | 13,480,930 | \$941,415 | |
| Strawberries..... | 1919..... | 5,906 | 9.0 | 3,087 | 6,377,368 | |
| | 1909..... | 4,323 | 7.7 | 3,283 | 7,683,774 | |
| Raspberries..... | 1919..... | 5,008 | 7.7 | 1,786 | 4,599,678 | |
| Loganberries..... | 1919..... | 1,789 | 2.7 | 546 | 1,157,778 | |
| Raspberries and loganberries..... | 1909..... | 3,617 | 6.4 | 2,110 | 3,118,720 | |
| Blackberries and dewberries..... | 1919..... | 3,158 | 4.8 | 1,403 | 8,691,065 | |
| | 1909..... | 1,818 | 3.2 | 769 | 2,340,770 | |
| Cranberries..... | 1919..... | 38 | 0.1 | 306 | 585,224 | |
| | 1909..... | 4 | (1) | 5 | 9,723 | |
| Currants..... | 1919..... | 1,575 | 2.4 | 148 | 254,959 | |
| | 1909..... | 1,287 | 2.8 | 127 | 194,365 | |
| Other berries..... | 1919..... | 1,195 | 1.8 | 158 | 218,673 | |
| | 1909..... | | | 114 | 143,564 | |
| | | | | | 12,314 | |

¹ Less than one-tenth of 1 per cent.

TABLE 38.—FRUIT AND NUT TREES AND GRAPEVINES NOT OF BEARING AGE: 1920 AND 1910.

| CBOP. | FARMS REPORTING. | | | | TREES OR VINES NOT OF BEARING AGE. | |
|--|------------------|--------|------------------------|-------|------------------------------------|--|
| | Number. | | Per cent of all farms. | | | |
| | 1920 | 1910 | 1920 | 1910 | | |
| Orchard fruits, total ¹ | 16,075 | ..... | 24.3 | ..... | 1,384,919 | |
| Apples..... | 11,401 | 21,401 | 17.2 | 38.1 | 755,898 | |
| Peaches ² | 3,464 | 8,199 | 5.2 | 14.6 | 50,254 | |
| Pears..... | 12,793 | 13,752 | 19.3 | 24.5 | 183,346 | |
| Plums and prunes..... | 6,894 | 10,508 | 10.4 | 18.7 | 309,229 | |
| Cherries..... | 8,263 | 13,703 | 12.5 | 24.4 | 72,976 | |
| Apricots..... | 263 | 3,294 | 0.4 | 5.9 | 13,000 | |
| Subtropical fruits, total..... | 6 | ..... | (3) | ..... | 57 | |
| Figs..... | 6 | ..... | (3) | ..... | 57 | |
| Grapes..... | 1,280 | 2,212 | 1.9 | 3.9 | 78,681 | |
| Nuts, total ⁴..... | ..... | ..... | ..... | ..... | 19,315 | |
| Almonds..... | 122 | 293 | 0.2 | 0.5 | 555 | |
| Walnuts (Persian or English)..... | 1,340 | 1,461 | 2.0 | 2.6 | 18,760 | |
| | | | | | 23,406 | |

¹ Includes quinces and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

² The 1910 figures include nectarines.

³ Less than one-tenth of 1 per cent.

⁴ The 1910 figures include pecans, and also black walnuts and several other varieties of nuts not called for by the 1920 schedule.

TABLE 39.—ORCHARD AND SUBTROPICAL FRUITS, GRAPES, AND NUTS: 1919 AND 1909.

| CBOP. | FARMS REPORTING TREES OR VINES OF BEARING AGE. | | | | NUMBER OF TREES OR VINES OF BEARING AGE. | PRODUCTION. | | | | | | | |
|--|--|--------|------------------------|-------|--|-------------|------------|-----------|--------------|-------------|---------|------|--|
| | Number. | | Per cent of all farms. | | | Quantity. | | | Value. | | | | |
| | 1920 | 1910 | 1920 | 1910 | | Unit. | 1919 | 1909 | 1919 | 1909 | 1919 | 1909 | |
| Orchard fruits, total ¹ | 38,728 | ..... | 58.4 | ..... | 10,732,778 | Bu.... | 25,857,797 | 4,244,870 | \$47,827,647 | \$4,274,124 | | | |
| Apples..... | 35,535 | 27,156 | 53.6 | 48.3 | 7,964,167 | Bu.... | 21,588,991 | 2,672,100 | 38,823,641 | 2,925,761 | | | |
| Peaches ² | 12,846 | 7,139 | 19.4 | 12.7 | 649,085 | Bu.... | 1,544,859 | 84,494 | 3,321,449 | 118,918 | | | |
| Pears..... | 32,037 | 20,343 | 49.7 | 36.2 | 896,634 | Bu.... | 1,728,759 | 310,804 | 3,025,331 | 328,895 | | | |
| Plums and prunes..... | 25,688 | 20,329 | 38.8 | 36.2 | 875,363 | Bu.... | 823,082 | 785,920 | 1,032,077 | 1,532,546 | 600,503 | | |
| Cherries..... | 29,345 | 19,716 | 44.3 | 35.1 | 329,187 | Bu.... | 249,226 | 131,392 | 971,985 | 278,547 | | | |
| Apricots..... | 857 | 3,623 | 1.3 | 6.4 | 47,008 | Bu.... | 79,908 | 10,789 | 151,827 | 17,280 | | | |
| Subtropical fruits, total..... | 7 | ..... | (*) | ..... | 14 | Lbs.... | 736 | ..... | 88 | ..... |  |  |  |
| Figs..... | 7 | ..... | (*) | ..... | 14 | Lbs.... | 736 | ..... | 88 | ..... |  |  |  |
| Grapes..... | 4,420 | 2,121 | 6.7 | 3.8 | 467,761 | 322,007 | Lbs.... | 3,981,036 | 1,704,005 | 316,882 | 51,412 | | |
| Nuts, total ⁴..... | ..... | ..... | ..... | ..... | 13,083 | Lbs.... | 109,178 | 65,441 | 27,302 | 3,523 | | | |
| Almonds..... | 305 | 149 | 0.5 | 0.3 | 2,280 | Lbs.... | 12,335 | 770 | 3,065 | 86 | | | |
| Walnuts (Persian or English)..... | 1,002 | 509 | 1.5 | 0.9 | 10,703 | Lbs.... | 96,843 | 16,450 | 24,217 | 2,241 | | | |

¹ Includes quinces and (for 1910) mulberries. Since these fruits were not specifically called for by the 1920 schedule, the returns for that year are somewhat incomplete.

² The figures for 1910 and 1909 include nectarines.

³ Less than one-tenth of 1 per cent.

⁴ The figures for 1910 and 1909 include pecans, and also black walnuts and several other varieties of nuts not called for by the 1920 schedule.

AGRICULTURE—WASHINGTON.

Age of farmers.—A farmer or farm operator, as defined for census purposes, is a person who operates a farm. The number of farm operators, for which the age distribution is shown in the following table, is therefore the same as the number of farms.

TABLE 40.—FARM OPERATORS CLASSIFIED ACCORDING TO AGE AND TENURE: 1920 AND 1910.

| AGE. | TOTAL. | | OWNERS. | | MAN- | | TENANTS. | |
|------------------------|--------|--------|---------|--------|-------|------|----------|-------|
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| All farmers, total... | 66,288 | 56,192 | 52,701 | 47,505 | 1,168 | 961 | 12,419 | 7,726 |
| Rptg. years on farm... | 63,097 | 51,944 | 51,964 | 43,701 | 1,105 | 881 | 12,028 | 7,362 |
| Less than 2 years... | 15,547 | 12,538 | 9,572 | 8,221 | 537 | 505 | 5,438 | 3,812 |
| 2 to 4 years... | 14,208 | 14,734 | 9,855 | 12,131 | 265 | 223 | 4,085 | 2,430 |
| 5 to 9 years... | 13,616 | 13,018 | 11,750 | 12,085 | 178 | 101 | 1,682 | 832 |
| 10 years and over... | 21,736 | 11,604 | 20,778 | 11,264 | 125 | 52 | 523 | 288 |
| Not reporting... | 1,191 | 4,248 | 737 | 3,804 | 63 | 80 | 391 | 364 |

Farmers classified by number of years on farm.—In the following table the farmers of the state are classified according to the number of years they had been on the farms which they were operating when the census was taken. The purpose of this classification is to show the relative stability of the different classes.

In 1920 the date of enumeration (January 1) came just before the period during which changes from one farm to another are commonly made in most localities, and hence at a time when many farmers had almost, but not quite, completed one, two, or more years on their farms. Considerable numbers of these farmers reported one, two, or more full years, in place of reporting the correct number of months (or years and months). In 1910, however, the enumeration date (April 15) was late enough so that, in localities where the common moving time was in the early part of the year, the number of years of occupancy was accurately reported. These differences seriously affect the comparability of the returns, especially for the first two years of occupancy. Hence these two years, which were tabulated separately and are so published in Volume V of the Fourteenth Census Reports, have been combined in the following table.

TABLE 41.—FARM OPERATORS CLASSIFIED ACCORDING TO NUMBER OF YEARS ON FARM, BY TENURE: 1920 AND 1910.

| NUMBER OF YEARS ON FARM. | TOTAL. | | OWNERS. | | MAN- | | TENANTS. | |
|--------------------------|--------|--------|---------|--------|-------|------|----------|-------|
| | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 | 1920 | 1910 |
| All farmers, total... | 66,288 | 56,192 | 52,701 | 47,505 | 1,168 | 961 | 12,419 | 7,726 |
| Rptg. years on farm... | 63,097 | 51,944 | 51,964 | 43,701 | 1,105 | 881 | 12,028 | 7,362 |
| Less than 2 years... | 15,547 | 12,538 | 9,572 | 8,221 | 537 | 505 | 5,438 | 3,812 |
| 2 to 4 years... | 14,208 | 14,734 | 9,855 | 12,131 | 265 | 223 | 4,085 | 2,430 |
| 5 to 9 years... | 13,616 | 13,018 | 11,750 | 12,085 | 178 | 101 | 1,682 | 832 |
| 10 years and over... | 21,736 | 11,604 | 20,778 | 11,264 | 125 | 52 | 523 | 288 |
| Not reporting... | 1,191 | 4,248 | 737 | 3,804 | 63 | 80 | 391 | 364 |

Cooperative marketing and purchasing.—Cooperative marketing of farm products or cooperative purchasing of supplies through farmers' organizations in 1919 was reported by 7,457 farms in Wash-

ington, including 3,481 farms which reported both sales and purchases, 2,102 farms which reported sales only, and 1,874 farms which reported purchases only.

TABLE 42.—COOPERATIVE MARKETING AND PURCHASING THROUGH FARMERS' ORGANIZATIONS: 1919.

| ITEM. | FARMS REPORTING. | | AMOUNT. | |
|------------------------------|------------------|------------------------|--------------|-------------------|
| | Number. | Per cent of all farms. | Total. | Average per farm. |
| Marketing or purchasing..... | 7,457 | 11.2 | \$15,356,226 | \$2,751 |
| Marketing..... | 5,583 | 8.4 | | |
| Purchasing..... | 5,355 | 8.1 | 2,710,202 | 506 |

Farm facilities—Motor vehicles, telephones, water, and light on farms.—The following table indicates the extent to which the farmers of Washington used motor vehicles and telephones, and the extent to which the farm homes were supplied with water and modern lighting facilities.

TABLE 43.—MOTOR VEHICLES, TELEPHONES, WATER, AND LIGHT ON FARMS: 1920.

| ITEM. | FARMS REPORTING. | | Number per 1,000 of all farms. |
|-----------------------------|------------------|------------------------|--------------------------------|
| | Number. | Per cent of all farms. | |
| Automobiles..... | 27,626 | 41.7 | 29,792 |
| Motor trucks..... | 3,172 | 4.8 | 3,371 |
| Tractors..... | 2,474 | 3.7 | 2,635 |
| Telephones..... | 27,952 | 42.2 | 40 |
| Water piped into house..... | 18,967 | 28.6 | |
| Gas or electric light..... | 9,178 | 13.8 | |

Pure-bred live stock on farms.—The inquiry relating to pure-bred live stock called for registered animals only, but it seems evident, from a study of the returns, that some animals merely eligible for registry (but not actually registered) were included in the reports.

The number of farms in Washington in 1920 was 66,288, of which number 60,821 reported domestic animals of some kind, and 7,075 reported pure-bred live stock.

TABLE 44.—PURE-BRED LIVE STOCK CLASSIFIED ACCORDING TO BREED: 1920.

NOTE.—Pure-bred horses reported in Washington represented 0.4 per cent of all horses on farms (see Table 23); pure-bred cattle, 3.2 per cent of the total; pure-bred sheep, 1.4 per cent; and pure-bred swine, 3.8 per cent.

| BREED. | Number. | BREED. | Number. |
|---|---------|-------------------------------------|---------|
| Horses, total..... | 1,244 | Sheep, total..... | 8,950 |
| Belgian..... | 123 | Hampshire Down..... | 1,237 |
| Clydesdale..... | 64 | Lincoln..... | 919 |
| Percheron..... | 535 | Merino..... | 111 |
| Shire..... | 312 | Oxford..... | 592 |
| Standard Bred..... | 14 | Rambouillet..... | 4,421 |
| Thoroughbred..... | 33 | Shropshire..... | 841 |
| All other breeds ¹ | 163 | Southdown..... | 20 |
| Cattle, total..... | 18,560 | All other breeds ¹ | 789 |
| Beef breeds, total..... | 5,840 | Swine, total..... | 10,006 |
| Aberdeen Angus..... | 263 | Berkshire..... | 1,369 |
| Galloway..... | 17 | Chester White..... | 1,889 |
| Hereford..... | 935 | Duroc-Jersey..... | 3,625 |
| Polled Durham..... | 1,008 | Hampshire..... | 408 |
| Shorthorn..... | 3,281 | Poland China..... | 2,297 |
| All other beef breeds ¹ | 338 | Tamworth..... | 199 |
| Dairy breeds, total..... | 12,720 | Yorkshire..... | 28 |
| Ayrshire..... | 404 | All other breeds ¹ | 200 |
| Brown Swiss..... | 69 | | |
| Guernsey..... | 941 | | |
| Holstein-Friesian..... | 7,673 | | |
| Jersey..... | 3,402 | | |
| All other dairy breeds ¹ | 231 | | |

¹ Includes animals reported as pure bred, with breed not specified.

AGRICULTURE—WASHINGTON.

63

Calves, pigs, and lambs raised on farms.—The figures presented include young animals born in 1919, which were retained on the farm, sold to others, or slaughtered for food, but do not include young animals purchased or those that died.

TABLE 45.—CALVES, PIGS, AND LAMBS RAISED ON FARMS: 1919.

| ITEM. | FARMS REPORTING. | | ANIMALS RAISED. | | ITEM. | | |
|-------------|------------------|------------------------|-----------------|-------------------|------------|-------|---------|
| | Number. | Per cent of all farms. | Number. | Average per farm. | | | |
| Calves..... | 41,385 | 62.4 | 206,554 | 5.0 | Cider..... | | |
| Pigs..... | 19,390 | 29.3 | 361,767 | 15.6 | 1919..... | 5,771 | 223,314 |
| Lambs..... | 2,688 | 4.1 | 258,018 | 96.0 | 1909..... | 1,347 | 98,050 |

Domestic animals sold or slaughtered on farms.—The number of cattle, swine, and sheep slaughtered on farms was reported for both 1919 and 1909, but the farm schedule for 1919 carried no inquiry with regard to the value of the animals slaughtered, or with regard to the number or value of the animals sold by farmers. The total value of domestic animals sold or slaughtered on farms in Washington in 1919 has been estimated, however, at \$23,900,000, as compared with \$10,249,346, the value reported for 1909.

TABLE 46.—DOMESTIC ANIMALS SLAUGHTERED ON FARMS: 1919 AND 1909.

| ITEM AND CENSUS YEAR. | FARMS REPORTING. | | ANIMALS SLAUGHTERED. | | ITEM. | | | |
|------------------------|------------------|------------------------|----------------------|-------------------|-------|---------------------------------------|-------------|-------------|
| | Number. | Per cent of all farms. | Number | Average per farm. | | | | |
| Cattle and calves..... | 1919..... | 20,471 | 30.9 | 71,700 | 3.5 | Meat and meat products sold (pounds). | | |
| | 1909..... | | 69,325 | ..... |  | 10,064,599 | | |
| Cattle..... | 1909..... | 7,370 | 13.1 | 29,087 | 3.4 | Farms reporting..... | 16,569 | 19,036 |
| Calves..... | 1909..... | 10,345 | 18.4 | 44,238 | 4.3 | Per cent of all farms..... | 25.0 | 33.9 |
| Swine..... | 1919..... | 32,529 | 49.1 | 128,467 | 3.9 | Value..... | \$1,738,116 | \$3,754,293 |
| | 1909..... | 18,129 | 32.3 | 92,600 | 5.1 | Average per farm reporting..... | \$286 | \$197 |
| Sheep and lambs..... | 1919..... | 1,721 | 2.6 | 8,656 | 5.0 | Forest products of farms: | | |
| | 1909..... | 731 | 1.3 | 7,380 | 10.1 | Farms reporting..... | 5,109 | ..... |

Sales of selected crops.—The sales of the crops listed represent that part of the year's production which was sold, or to be sold, by those farmers who produced the crops.

TABLE 47.—PRODUCTION AND SALES OF SELECTED CROPS: 1919 AND 1909.

| CBOP AND CENSUS YEAR. | Farms reporting production. | FARMS REPORTING SALES. | | QUANTITY SOLD (OR TO BE SOLD). | | ITEM. |
|-----------------------|-----------------------------|------------------------|---|--------------------------------|------------|-----------|
| | | Number. | Per cent of farms reporting production. | Production. | Amount. | |
| Corn..... | 1919..... | 5,271 | 964 | Bushels. | Bushels. | |
| | 1909..... | 3,128 | 347 | 901,905 | 220,325 | 24.4 |
| Oats..... | 1919..... | 11,365 | 5,034 | 503,025 | 96,593 | 17.2 |
| | 1909..... | 10,130 | 4,025 | 44.3 | 4,872,749 | 57.9 |
| Barley..... | 1919..... | 3,778 | 1,940 | 39.7 | 13,228,003 | 5,745,804 |
| | 1909..... | 3,333 | 1,174 | 51.3 | 2,249,856 | 994,877 |
| Hay..... | 1919..... | | | | 2,469,845 | 44.2 |
| | 1909..... | | | | 5,834,615 | 42.3 |
| Potatoes..... | 1919..... | 36,085 | 13,163 | Tons. | Tons. | |
| | 1919..... | | 15,789 | 36.5 | 1,750,420 | 477,171 |
| Apples..... | 1919..... | | | | 1,349,834 | 27.3 |

Fruit products of farms.—The figures relate only to fruit products obtained from fruit grown on those farms reporting the products.

TABLE 48.—FRUIT PRODUCTS (FARM PRODUCTION): 1919 AND 1909.

| ITEM. | 1919 | Farms reporting. | Production. |
|--|-------|------------------|-------------|
| Cider..... | 5,771 | 223,314 | Gallons. |
| 1909..... | 1,347 | 98,050 | |
| Cider made (or to be made) into vinegar..... | 3,162 | 112,264 | |
| Vinegar made on farms..... | 982 | 62,446 | |
| Grape juice..... | 235 | 1,777 | |
| Wine and grape juice..... | 136 | 5,891 | |
| Dried fruits..... | 2,225 | 5,378,989 | Pounds. |
| 1909..... | 490 | 1,842,306 | |

¹Includes vinegar other than that made from cider.

Forest products of farms.—Forest products, as defined on the farm schedule, include firewood, fence posts, crossties, pulp wood, saw logs, poles, etc., and standing timber sold and cut during the years indicated. The figures cover only forest products of farms and do not represent by any means the total value of all forest products cut in the state during the census years.

TABLE 49.—FOREST PRODUCTS OF FARMS: 1919 AND 1909.

| ITEM. | 1919 | 1909 |
|---|-------------|-------------|
| Forest products of farms: | | |
| Farms reporting..... | 16,569 | 19,036 |
| Per cent of all farms..... | 25.0 | 33.9 |
| Value..... | \$1,738,116 | \$3,754,293 |
| Average per farm reporting..... | \$286 | \$197 |
| Forest products sold from farms (or cut and held for sale): | | |
| Farms reporting..... | 5,109 | ..... |
| Value..... | \$2,996,915 | \$2,098,420 |
| Average per farm reporting..... | \$587 | ..... |
| Forest products used on farms (or cut and held for use): | | |
| Farms reporting..... | 15,421 | ..... |
| Value..... | \$1,741,201 | \$1,055,673 |
| Average per farm reporting..... | \$113 | ..... |

Nurseries and greenhouses.—The data presented for nurseries include the returns from all farms and establishments reporting receipts from the sale of nursery stock, and those for greenhouses include the returns from all farms and establishments reporting receipts from the sale of greenhouse products (whether grown in hothouses or in cold frames).

TABLE 50.—NURSERIES AND GREENHOUSES: 1919 AND 1909.

| ITEM. | 1919 | 1909 |
|---|-------------|-----------|
| Nurseries: | | |
| Number of nurseries (farms and establishments) reporting..... | 76 | 115 |
| Acreage used for growing nursery stock..... | 368 | 1,342 |
| Receipts from sale of products..... | \$308,665 | \$526,681 |
| Average receipts per nursery..... | \$4,061 | \$4,580 |
| Average receipts per acre..... | \$335.76 | \$392.46 |
| Greenhouses: | | |
| Number of farms and establishments reporting..... | 330 | 154 |
| Square feet under glass..... | 2,650,369 | 1,539,972 |
| Receipts from sale of products..... | \$1,048,021 | \$518,226 |
| Flowers and flowering plants..... | \$708,210 | ..... |
| Vegetables and vegetable plants..... | \$337,511 | ..... |
| Average receipts per farm or establishment..... | \$3,170 | \$3,365 |

AGRICULTURE—WASHINGTON.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920,

| | | THE STATE. | Adams. | Asotin. | Benton. ¹ | Chelan. | Clallam. | Clarke. | Columbia. |
|------------------------------------|--|---------------|------------|-------------------|----------------------|------------|-----------|------------|------------|
| ALL FARMS. | | | | | | | | | |
| 1 | Number of farms.. 1920..... | 66,288 | 1,084 | 578 | 1,519 | 2,095 | 607 | 3,066 | 622 |
| 2 | 1910..... | 56,192 | 1,263 | 555 | 1,239 | 1,381 | 607 | 2,515 | 703 |
| 3 | 1900..... | 33,202 | 783 | 533 | ..... | 457 | 395 | 1,873 | 706 |
| 4 | All farmers classified by sex, 1920: | | | | | | | | |
| 5 | Male..... | 63,855 | 1,060 | 557 | 1,459 | 2,049 | 577 | 2,922 | 601 |
| 6 | Female..... | 2,433 | 15 | 21 | 60 | 46 | 30 | 144 | 21 |
| 7 | Color and nativity of all farmers, 1920: | | | | | | | | |
| 8 | Native white..... | 45,265 | 664 | 513 | 1,177 | 1,879 | 386 | 2,119 | 585 |
| 9 | Foreign-born white..... | 19,757 | 420 | 64 | 337 | 212 | 204 | 935 | 37 |
| 10 | Negro and other nonwhite..... | 1,288 | ..... | 1 | 5 | 4 | 17 | 12 | ..... |
| 11 | All farms classified by size, 1920: | | | | | | | | |
| 12 | Under 3 acres..... | 949 | 2 | 58 | 14 | 49 | 6 | 12 | 5 |
| 13 | 3 to 9 acres..... | 6,546 | 4 | 125 | 187 | 458 | 24 | 233 | 40 |
| 14 | 10 to 19 acres..... | 8,578 | 2 | 35 | 400 | 492 | 44 | 468 | 25 |
| 15 | 20 to 49 acres..... | 15,255 | 8 | 25 | 498 | 378 | 176 | 1,073 | 38 |
| 16 | 50 to 99 acres..... | 9,048 | 17 | 22 | 152 | 178 | 136 | 668 | 45 |
| 17 | 100 to 174 acres..... | 9,958 | 57 | 34 | 68 | 268 | 139 | 400 | 74 |
| 18 | 175 to 259 acres..... | 3,340 | 24 | 20 | 21 | 101 | 53 | 98 | 58 |
| 19 | 260 to 499 acres..... | 283 | ..... | 87 | 45 | 106 | 25 | 58 | 145 |
| 20 | 500 to 999 acres..... | 6,297 | 419 | 99 | 52 | 46 | 4 | 11 | 119 |
| 21 | 1,000 acres and over..... | 2,275 | 268 | 73 | 82 | 19 | ..... | 2 | 73 |
| LAND AND FARM AREA. | | | | | | | | | |
| 22 | Approximate land area, 1920..... | 42,775,040 | 1,223,680 | 337,840 | 1,069,440 | 1,856,000 | 1,104,640 | 405,760 | 549,120 |
| 23 | Land in farms, 1920..... | 39,395 | 259,233 | 371,811 | 235,621 | 58,043 | 194,309 | 326,330 | ..... |
| 24 | 1910..... | 979,455 | 189,937 | 280,044 | 152,613 | 62,248 | 186,920 | 314,557 | ..... |
| 25 | 1900..... | 8,499,297 | 494,492 | 128,649 | 94,135 | 52,667 | 102,737 | 262,239 | ..... |
| 26 | Improved land in farms, 1920..... | 7,129,343 | 727,876 | 96,404 | 201,678 | 65,810 | 20,132 | 75,673 | 192,613 |
| 27 | 1910..... | 6,373,311 | 747,778 | 79,265 | 186,397 | 42,261 | 16,708 | 60,913 | 180,562 |
| 28 | 1900..... | 3,465,950 | 275,778 | 37,516 | ..... | 14,034 | 10,108 | 51,102 | 151,589 |
| 29 | Woodland in farms, 1920..... | 1,812,061 | 2,243 | 24,677 | 7,970 | 55,817 | 29,776 | 66,974 | 26,332 |
| 30 | Other unimproved land in farms, 1920..... | 4,302,316 | 208,276 | 138,152 | 182,163 | 113,994 | 8,135 | 51,662 | 107,385 |
| 31 | Per cent of land area in farms, 1920..... | 31.0 | 76.7 | 66.8 | 34.8 | 12.7 | 5.3 | 47.9 | 69.4 |
| 32 | Percent of farm land improved, 1920..... | 53.8 | 77.6 | 37.2 ^a | 54.2 | 27.9 | 34.7 | 38.9 | 59.0 |
| 33 | Average acreage per farm, 1920..... | 199.8 | 865.7 | 448.5 | 244.8 | 112.5 | 95.6 | 63.4 | 524.8 |
| 34 | Average improved acreage per farm, 1920..... | 107.6 | 671.5 | 186.8 | 132.8 | 31.4 | 33.2 | 24.7 | 309.7 |
| VALUE OF FARM PROPERTY. | | | | | | | | | |
| 35 | All farm property, 1920..... | 1,057,429,848 | 39,304,529 | 11,952,585 | 21,137,912 | 37,548,355 | 6,463,069 | 27,414,354 | 29,784,808 |
| 36 | 1910..... | 637,543,411 | 29,712,292 | 6,404,012 | 14,316,556 | 24,945,236 | 3,780,844 | 17,225,949 | 15,089,114 |
| 37 | 1900..... | 144,040,547 | 4,761,011 | 1,915,360 | ..... | 1,293,077 | 1,084,649 | 5,195,255 | 5,149,080 |
| 38 | Land in farms, 1920..... | 707,651,020 | 31,389,219 | 9,050,492 | 15,324,449 | 29,812,449 | 4,142,765 | 18,817,993 | 26,223,786 |
| 39 | 1910..... | 517,421,698 | 24,419,184 | 4,885,430 | 12,391,374 | 22,378,411 | 2,730,045 | 13,143,927 | 12,343,585 |
| 40 | 1900..... | 99,310,510 | 3,567,850 | 1,211,990 | ..... | 882,480 | 722,860 | 3,641,380 | 3,849,380 |
| 41 | Farm buildings, 1920..... | 122,741,321 | 3,046,229 | 1,162,655 | 2,261,231 | 5,007,281 | 1,171,130 | 4,795,695 | 1,788,552 |
| 42 | 1910..... | 64,546,459 | 1,684,595 | 565,685 | 808,594 | 1,642,444 | 469,755 | 2,383,935 | 873,055 |
| 43 | 1900..... | 16,299,200 | 328,100 | 202,230 | ..... | 120,200 | 154,790 | 756,340 | 414,560 |
| 44 | Implements and machinery, 1920..... | 54,721,377 | 2,289,986 | 575,277 | 1,221,101 | 1,870,243 | 391,480 | 1,511,067 | 1,140,547 |
| 45 | 1910..... | 16,709,844 | 1,038,769 | 195,365 | 347,635 | 341,330 | 134,669 | 478,152 | 466,577 |
| 46 | 1900..... | 6,271,630 | 262,090 | 73,820 | ..... | 64,920 | 45,080 | 173,120 | 245,160 |
| 47 | Live stock on farms, 1920..... | 82,316,130 | 2,579,095 | 1,264,131 | 2,331,131 | 858,882 | 757,694 | 2,289,599 | 1,611,021 |
| 48 | 1910..... | 48,865,110 | 2,574,744 | 757,532 | 768,953 | 583,051 | 446,375 | 1,210,935 | 1,415,617 |
| 49 | 1900..... | 22,159,207 | 612,971 | 427,320 | ..... | 226,477 | 160,988 | 624,415 | 641,970 |
| 50 | Average values, 1920: | | | | | | | | |
| 51 | All property per farm..... | 15,952 | 36,259 | 20,870 | 13,918 | 17,923 | 10,648 | 8,941 | 47,853 |
| 52 | Land and buildings per farm..... | 13,885 | 31,787 | 17,497 | 11,577 | 16,620 | 8,754 | 7,702 | 43,428 |
| 53 | Land alone per acre..... | 60.22 | 35.45 | 34.53 | 41.22 | 136.53 | 71.37 | 96.85 | 77.30 |
| FARMS OPERATED BY OWNERS. | | | | | | | | | |
| 54 | Number of farms, 1920..... | 52,701 | 623 | 501 | 1,220 | 1,719 | 503 | 2,607 | 402 |
| 55 | 1910..... | 47,505 | 967 | 486 | 1,101 | 1,501 | 507 | 2,181 | 474 |
| 56 | 1900..... | 28,020 | 739 | 480 | ..... | 407 | 335 | 1,629 | 561 |
| 57 | Per cent of all farms, 1920..... | 79.5 | 57.5 | 86.7 | 80.3 | 82.1 | 82.9 | 85.0 | 64.6 |
| 58 | Land in farms, 1920..... | 9,258,800 | 533,607 | 214,946 | 256,497 | 180,342 | 44,503 | 152,416 | 190,753 |
| 59 | Improved land in farms, 1920..... | 4,529,580 | 386,939 | 73,872 | 126,768 | 43,378 | 15,026 | 57,778 | 98,608 |
| 60 | Value of land and buildings, 1920..... | 618,990,617 | 18,864,184 | 8,084,113 | 12,898,230 | 24,975,020 | 3,911,545 | 18,506,643 | 14,054,489 |
| 61 | Degree of ownership, 1920: | | | | | | | | |
| 62 | Farmers owning entire farm..... | 44,832 | 349 | 392 | 939 | 1,515 | 444 | 2,332 | 284 |
| 63 | Farmers hiring additional land..... | 7,869 | 274 | 109 | 281 | 204 | 59 | 275 | 118 |
| 64 | Color and nativity of owners, 1920: | | | | | | | | |
| 65 | Native white owners..... | 34,970 | 382 | 439 | 945 | 1,527 | 307 | 1,747 | 370 |
| 66 | Foreign-born white owners..... | 17,214 | 261 | 62 | 275 | 189 | 182 | 854 | 32 |
| 67 | Negro and other nonwhite owners..... | 517 | ..... | ..... | ..... | 3 | 14 | 0 | 7 |
| FARMS OPERATED BY MANAGERS. | | | | | | | | | |
| 68 | Number of farms, 1920..... | 1,168 | 25 | 7 | 64 | 115 | 11 | 28 | 14 |
| 69 | 1910..... | 961 | 21 | 7 | 54 | 50 | 11 | 42 | 9 |
| 70 | 1900..... | 405 | 2 | 1 | ..... | 8 | 10 | 41 | 12 |
| 71 | Land in farms, 1920..... | 541,136 | 39,705 | 5,403 | 10,649 | 16,411 | 3,035 | 3,821 | 4,675 |
| 72 | Improved land in farms, 1920..... | 256,391 | 27,995 | 2,059 | 7,542 | 7,188 | 853 | 1,643 | 3,922 |
| 73 | Value of land and buildings, 1920..... | 45,722,744 | 1,377,250 | 224,600 | 1,703,600 | 5,798,060 | 332,000 | 751,200 | 701,225 |
| FARMS OPERATED BY TENANTS. | | | | | | | | | |
| 74 | Number of farms, 1920..... | 12,419 | 436 | 70 | 235 | 261 | 93 | 431 | 206 |
| 75 | 1910..... | 7,726 | 275 | 62 | 84 | 110 | 89 | 292 | 220 |
| 76 | 1900..... | 4,777 | 42 | 63 | ..... | 42 | 50 | 203 | 133 |
| 77 | Per cent of all farms, 1920..... | 18.7 | 40.2 | 12.1 | 15.5 | 12.5 | 15.3 | 14.1 | 33.1 |
| 78 | Land in farms, 1920..... | 3,443,784 | 365,083 | 38,884 | 104,665 | 28,868 | 10,505 | 38,078 | 124,902 |
| 79 | Improved land in farms, 1920..... | 2,343,372 | 312,942 | 20,473 | 67,388 | 15,244 | 4,254 | 16,252 | 90,088 |
| 80 | Value of land and buildings, 1920..... | 255,669,980 | 14,194,014 | 1,804,484 | 2,938,850 | 4,046,650 | 1,070,350 | 4,355,845 | 12,256,624 |
| 81 | Form of tenancy, 1920: | | | | | | | | |
| 82 | Share tenants..... | 5,851 | 411 | 51 | 156 | 204 | 24 | 79 | 184 |
| 83 | Share-cash tenants..... | 289 | 6 | 2 | 7 | 6 | 2 | 10 | 13 |
| 84 | Cash tenants..... | 5,830 | 4 | 14 | 72 | 40 | 62 | 297 | 22 |
| 85 | Unspecified..... | 469 | 15 | 3 | ..... | 11 | 5 | 45 | 7 |
| 86 | Color and nativity of tenants, 1920: | | | | | | | | |
| 87 | Native white tenants..... | 8,354 | 279 | 67 | 195 | 244 | 76 | 348 | 201 |
| 88 | Foreign-born white tenants..... | 2,325 | 157 | 2 | 35 | 16 | 14 | 77 | 5 |
| 89 | Negro and other nonwhite tenants..... | 740 | ..... | 1 | 5 | 1 | 3 | 6 | 6 |

¹ Benton County organized from parts of Klickitat and Yakima Counties in 1905.

AGRICULTURE—WASHINGTON.

65

WITH SELECTED ITEMS FOR 1910 AND 1900.

| Cowlitz. | Douglas. ² | Ferry. | Franklin. | Garfield. | Grant. ² | Grays Harbor. ² | Island. | Jefferson. | King. | Kitsap. | Kittitas. | |
|---|---|--|--|---|---|---|---|---|---|---|---|----------------------------|
| 1,066 909 751 | 1,623 1,730 854 | 730 590 62 | 414 620 61 | 413 504 521 | 1,110 1,607 600 | 1,064 742 254 | 703 453 212 | 348 262 1,755 | 3,801 3,287 446 | 1,535 950 446 | 928 871 690 | 1 2 3 |
| 1,021 45 | 1,586 37 | 713 17 | 404 10 | 406 7 | 1,081 29 | 1,024 40 | 729 34 | 330 18 | 3,617 184 | 1,393 142 | 897 31 | 4 5 |
| 702 359 5 | 1,338 283 2 | 529 157 44 | 337 76 1 | 370 43 | 708 341 1 | 714 334 16 | 397 364 2 | 204 140 4 | 1,712 1,707 282 | 553 929 53 | 699 218 11 | 6 7 8 |
| 4 44 75 85 294 251 | 1 75 14 35 37 | 2 4 22 33 70 | 1 5 1 6 11 | 2 19 31 64 47 | 15 117 139 124 201 | 10 70 124 93 124 | 3 22 41 1,119 80 | 164 922 754 547 446 | 13 246 539 98 118 | 4 52 36 547 184 | 9 10 11 12 13 | |
| 265 62 53 9 4 | 171 61 457 420 233 | 302 101 153 44 5 | 36 8 66 95 138 | 42 24 112 126 86 | 199 52 275 234 165 | 190 30 44 14 5 | 66 30 26 4 2 | 76 20 8 4 3 | 255 60 41 6 4 | 60 5 6 1 34 | 272 86 124 17 18 | 14 15 16 17 18 |
| 737,920 110,250 106,553 108,888 | 1,143,080 892,223 711,831 421,804 | 1,420,500 102,888 101,050 15,767 | 771,840 456,056 314,182 101,547 | 444,100 743,518 94,767 257,826 | 1,740,800 837,832 814,609 647,999 | 1,196,160 94,767 51,932 84,347 | 133,120 38,076 31,518 30,705 | 1,155,200 38,076 148,417 280,553 | 1,351,040 43,855 151,562 42,332 | 237,440 215,918 262,005 29,132 | 1,490,560 215,918 262,005 199,085 | 19 20 21 22 |
| 27,994 21,233 18,041 46,604 35,661 | 567,335 479,625 186,231 6,614 318,274 | 36,618 20,037 3,833 6,549 53,854 | 255,636 273,241 4,788 11,997 103,871 | 159,252 155,531 115,211 6,305 142,933 | 413,758 444,622 21,726 43,402 323,455 | 28,798 26,166 9,368 25,868 8,937 | 17,127 12,836 6,111 17,903 22,567 | 8,457 6,654 4,219 47,391 8,557 | 68,272 56,923 5,204 22,856 35,899 | 13,411 9,161 5,204 36,074 7,618 | 95,984 78,939 55,057 36,074 83,890 | 23 24 25 26 27 |
| 14.9 25.4 103.4 26.3 | 78.0 63.6 549.7 340.6 | 11.5 22.5 223.1 60.2 | 59.1 56.1 1,101.6 617.5 | 70.7 55.6 780.7 385.6 | 42.7 30.4 68.1 27.1 | 7.9 30.4 33.0 22.4 | 39.0 30.4 103.2 24.3 | 3.1 23.5 103.2 18.0 | 11.2 45.0 39.9 8.7 | 18.5 30.6 28.6 103.4 | 14.5 29 30 31 | |
| 8,524,994 4,842,705 1,949,198 | 40,452,925 22,617,695 3,547,689 | 4,365,195 2,581,105 208,810 | 10,129,884 8,385,099 3,069,434 | 19,974,341 11,255,396 275,519 | 24,776,207 18,473,090 991,362 | 9,850,091 5,330,998 2,326,544 | 5,929,676 3,248,232 740,229 | 2,746,115 1,975,980 7,740,547 | 45,805,158 35,053,585 7,757,608 | 8,874,588 4,853,581 3,186,420 | 18,942,173 14,491,850 32 33 34 | |
| 5,563,682 3,355,221 1,230,290 1,474,307 765,612 | 32,223,113 18,944,388 2,067,150 8,325,904 1,120,442 | 2,085,228 1,862,849 190,700 569,132 279,176 | 7,096,760 6,935,915 91,800 1,505,295 310,621 | 10,705,088 10,035,738 2,074,230 1,594,555 619,050 | 19,104,286 15,789,937 1,709,640 799,010 8,800 | 6,379,960 3,818,883 1,502,310 1,013,185 743,494 | 3,052,505 3,818,883 679,990 554,277 386,010 | 1,658,542 1,340,742 452,300 339,150 142,730 | 31,740,272 28,804,345 5,822,640 3,838,985 1,172,740 | 5,369,412 3,555,357 459,940 2,323,405 155,790 | 13,769,744 11,734,000 1,104,984 2,104,984 323,590 | 35 36 37 38 40 |
| 502,361 152,834 60,960 984,664 569,038 | 2,582,113 761,594 219,740 2,311,795 1,791,271 | 325,175 109,104 7,780 825,660 329,888 | 724,729 325,916 6,310 1,415,477 813,247 | 979,953 410,027 185,190 1,134,000 1,220,581 | 1,377,486 516,493 89,310 2,299,940 1,368,540 | 609,958 192,020 89,310 600,268 581,737 | 363,718 111,134 38,480 600,268 283,253 | 121,033 111,134 29,660 412,263 229,318 | 2,030,124 521,860 190,530 4,458,606 1,872,806 | 400,009 114,249 20,180 781,762 754,637 | 1,019,307 391,192 138,530 2,048,139 91,718 | 41 42 43 44 46 |
| 7,997 6,602 50.40 | 24,925 21,909 50.40 | 5,966 4,390 16.13 | 24,408 19,299 15.56 | 48,364 43,245 53.17 | 22,321 19,008 25.69 | 9,258 7,603 67.32 | 7,772 7,603 76.11 | 7,891 6,359 46.18 | 11,998 10,291 209.42 | 5,781 5,012 209.42 | 20,412 17,106 122,35 | 47 48 49 |
| 932 788 634 57.4 88,118 21,088 5,404,200 | 1,270 1,510 793 78.3 100,150 423,404 25,729,720 | 630 547 57 80.3 138,340 28,980 5,292,314 | 810 558 52 74.9 74.9 63.2 75.5 | 261 344 398 498 75.5 83.6 80.2 85.9 | 838 1,499 498 190 83.6 83.6 85.9 | 859 623 145 180 80.2 85.9 | 658 227 160 180 85.9 | 299 227 160 180 74.4 89.4 | 2,527 2,621 1,388 416 557 | 1,373 879 146 52 53 | 701 51 52 53 54 | |
| 833 94 585 342 5 | 761 509 444 237 40 | 515 115 252 57 1 | 170 140 227 34 180 | 180 95 564 274 482 | 820 350 835 13 820 | 610 60 48 15 284 | 284 15 174 | 2,653 174 1,367 1,445 2,653 | 1,335 38 485 873 599 | 599 102 513 178 57 | 57 58 59 60 57 | |
| 8 4 4 3,321 775 178,700 | 39 24 6 13,177 9,590 2,064,900 | 4 12 2 1,074 13,015 34,700 | 13 14 8 7,702 3,475 637,081 | 7 5 8 30,514 16,314 406,800 | 36 9 8 1,596 451 1,570,050 | 10 8 3 9,011 1,081 914,900 | 6 6 3 1,013 595 914,900 | 53 53 25 25 124 124 15 | 15 11 2 10,070 4,029 12,076,100 | 15 11 2 1,369 200 757,300 | 15 36 513 178 561,300 | 62 63 8 65 66 |
| 126 107 113 11.8 18,828 6,131 1,455,069 | 314 187 49 19.3 178,890 23,474 7,764,381 | 96 43 5 13.2 22.0 105,654 7,258 440,120 | 91 52 7 35.1 71,424 104,427 7,457,438 | 145 146 115 21.3 162,308 22,478 4,559,345 | 236 103 94 11.9 102,713 6,002 1,570,050 | 91 35 64 12.4 9,539 4,778 914,900 | 43 29 40 24.2 4,778 42,057 263,105 | 921 603 372 24.2 5,778 4,029 12,076,100 | 147 60 28 9.6 4,778 4,029 757,300 | 212 158 104 22.8 53,210 1,412 4,112,851 | 68 69 70 71 72 73 74 | |
| 21 2 94 9 110 16 | 285 5 18 6 270 44 | 34 1 7 3 82 10 | 85 7 29 3 137 18 | 124 4 29 3 176 89 | 200 2 39 3 145,500 | 23 2 39 3 122 | 31 3 13 1 57 | 5 28 28 3 57 | 147 119 126 41 315 62 | 119 75 92 77 172 79 | 62 63 92 78 172 80 | |
| | | 4 | | | 1 | | 3 | | 28 852 126 41 315 62 | 17 852 126 41 315 62 | | 84 |

² Grant County organized from part of Douglas County in 1909.

³ Name changed from Chehalis in 1915.

AGRICULTURE—WASHINGTON.

COUNTY TABLE I.—FARMS AND FARM PROPERTY, 1920.

| | | Klickitat ¹ | Lewis. | Lincoln. | Mason. | Okanogan. | Pacific. | Pend Oreille. ² | Pierce. |
|------------------------------------|--|------------------------|------------|------------|-----------|------------|-----------|----------------------------|------------|
| ALL FARMS. | | | | | | | | | |
| 1 | Number of farms, 1920..... | 1,177 | 3,030 | 1,860 | 483 | 2,856 | 453 | 586 | 3,159 |
| 2 | 1910..... | 1,641 | 2,261 | 2,139 | 385 | 2,173 | 347 | ..... | 2,970 |
| 3 | 1900..... | 1,080 | 1,786 | 1,911 | 274 | 606 | 342 | ..... | 1,455 |
| 4 | All farmers classified by sex, 1920: | | | | | | | | |
| 5 | Male.....number.. | 1,142 | 2,868 | 1,810 | 463 | 2,764 | 442 | 565 | 3,016 |
| 5 | Female.....number.. | 35 | 102 | 50 | 20 | 92 | 11 | 21 | 143 |
| 6 | Color and nativity of all farmers, 1920: | | | | | | | | |
| 7 | Native white.....number.. | 972 | 2,021 | 1,428 | 309 | 2,359 | 257 | 425 | 1,566 |
| 7 | Foreign-born white.....number.. | 185 | 985 | 432 | 160 | 424 | 196 | 158 | 1,462 |
| 8 | Negro and other nonwhite.....number.. | 20 | 24 | ..... | 14 | 73 | ..... | 3 | 131 |
| 9 | All farms classified by size, 1920: | | | | | | | | |
| 10 | Under 3 acres.....number.. | 2 | 11 | ..... | 2 | 18 | 3 | 2 | 212 |
| 10 | 3 to 9 acres.....number.. | 32 | 254 | 20 | 24 | 87 | 53 | 4 | 743 |
| 11 | 10 to 19 acres.....number.. | 44 | 345 | 13 | 54 | 169 | 41 | 5 | 777 |
| 12 | 20 to 49 acres.....number.. | 109 | 923 | 36 | 165 | 285 | 85 | 69 | 799 |
| 13 | 50 to 99 acres.....number.. | 108 | 730 | 40 | 105 | 227 | 88 | 74 | 325 |
| 14 | 100 to 174 acres.....number.. | 229 | 519 | 175 | 83 | 774 | 125 | 290 | 205 |
| 15 | 175 to 259 acres.....number.. | 108 | 133 | 79 | 26 | 294 | 31 | 50 | 52 |
| 16 | 260 to 499 acres.....number.. | 233 | 84 | 495 | 18 | 701 | 18 | 70 | 37 |
| 17 | 500 to 999 acres.....number.. | 178 | 11 | 633 | 6 | 251 | 5 | 18 | 8 |
| 18 | 1,000 acres and over.....number.. | 133 | ..... | 369 | ..... | 50 | 4 | 4 | 1 |
| LAND AND FARM AREA. | | | | | | | | | |
| 19 | Approximate land area, 1920.....acres.. | 1,168,000 | 1,516,160 | 1,473,280 | 595,200 | 3,341,440 | 572,800 | 871,040 | 1,083,040 |
| 20 | Land in farms, 1920.....acres.. | 562,331 | 226,162 | 1,329,405 | 40,867 | 689,796 | 48,804 | 119,496 | 118,754 |
| 21 | 1910.....acres.. | 530,291 | 214,872 | 1,209,910 | 42,928 | 378,766 | 47,092 | ..... | 156,590 |
| 22 | 1900.....acres.. | 404,947 | 224,755 | 903,997 | 33,636 | 80,196 | 51,936 | ..... | 146,050 |
| 23 | Improved land in farms, 1920.....acres.. | 190,616 | 79,322 | 832,678 | 8,373 | 212,497 | 10,500 | 42,921 | 41,963 |
| 24 | 1910.....acres.. | 181,581 | 62,838 | 799,380 | 7,678 | 122,386 | 9,305 | ..... | 42,405 |
| 25 | 1900.....acres.. | 115,530 | 53,558 | 516,924 | 5,718 | 19,599 | 8,123 | ..... | 28,505 |
| 26 | Woodland in farms, 1920.....acres.. | 89,044 | 89,281 | 64,578 | 22,946 | 113,747 | 19,058 | 59,103 | 40,328 |
| 27 | Other unimproved land in farms, 1920.....acres.. | 282,671 | 57,559 | 432,149 | 8,548 | 363,552 | 19,237 | 17,472 | 38,473 |
| 28 | Per cent of land area in farms, 1920..... | 48.1 | 14.9 | 90.2 | 6.9 | 20.6 | 8.5 | 13.7 | 10.9 |
| 29 | Per cent of farm land improved, 1920..... | 33.9 | 35.1 | 62.6 | 20.5 | 30.8 | 21.5 | 35.9 | 35.3 |
| 30 | Average acreage per farm, 1920..... | 477.8 | 74.6 | 714.7 | 84.6 | 241.5 | 107.7 | 203.9 | 37.6 |
| 31 | Average improved acreage per farm, 1920..... | 162.0 | 26.2 | 447.7 | 17.3 | 74.4 | 23.2 | 73.2 | 13.3 |
| VALUE OF FARM PROPERTY. | | | | | | | | | |
| 32 | All farm property, 1920.....dollars.. | 20,367,277 | 23,590,650 | 74,572,547 | 2,853,135 | 28,123,600 | 4,513,960 | 4,205,130 | 24,530,231 |
| 33 | 1910.....dollars.. | 16,430,994 | 12,993,491 | 42,153,274 | 2,095,869 | 15,523,033 | 2,547,903 | ..... | 20,531,073 |
| 34 | 1900.....dollars.. | 4,361,340 | 4,331,408 | 11,238,178 | 717,059 | 1,370,691 | 1,013,645 | ..... | 4,070,395 |
| 35 | Land in farms, 1920.....dollars.. | 15,027,389 | 15,337,212 | 61,370,788 | 1,731,780 | 10,809,756 | 2,866,488 | 3,079,530 | 15,901,843 |
| 36 | 1910.....dollars.. | 13,491,844 | 9,502,073 | 34,734,427 | 1,479,407 | 12,183,967 | 1,830,755 | ..... | 16,320,924 |
| 37 | 1900.....dollars.. | 2,670,200 | 2,773,130 | 8,282,450 | 445,270 | 666,830 | 621,880 | ..... | 2,699,340 |
| 38 | Farm buildings, 1920.....dollars.. | 1,994,385 | 4,249,470 | 5,276,222 | 622,650 | 2,899,258 | 536,792 | 567,220 | 5,141,047 |
| 39 | 1910.....dollars.. | 1,215,562 | 1,773,437 | 2,546,100 | 838,640 | 1,117,578 | 352,340 | ..... | 2,799,047 |
| 40 | 1900.....dollars.. | 458,430 | 692,800 | 839,920 | 128,380 | 127,190 | 179,620 | ..... | 783,000 |
| 41 | Implements and machinery, 1920.....dollars.. | 1,172,846 | 1,406,410 | 3,720,471 | 186,625 | 1,731,027 | 213,224 | 211,725 | 1,304,713 |
| 42 | 1910.....dollars.. | 401,371 | 388,091 | 1,425,886 | 78,219 | 467,083 | 63,974 | ..... | 345,276 |
| 43 | 1900.....dollars.. | 216,330 | 162,520 | 642,250 | 28,630 | 71,810 | 29,420 | ..... | 139,200 |
| 44 | Live stock on farms, 1920.....dollars.. | 2,172,647 | 2,587,558 | 4,203,056 | 312,080 | 3,683,649 | 597,456 | 846,655 | 2,182,628 |
| 45 | 1910.....dollars.. | 1,322,217 | 1,329,890 | 3,446,861 | 179,603 | 1,754,425 | 300,804 | ..... | 1,065,831 |
| 46 | 1900.....dollars.. | 1,007,380 | 702,958 | 1,473,523 | 114,779 | 504,361 | 182,725 | ..... | 549,795 |
| 47 | Average values, 1920: | | | | | | | | |
| 47 | All property per farm.....dollars.. | 17,304 | 7,786 | 40,093 | 5,907 | 9,847 | 9,965 | 7,176 | 7,765 |
| 48 | Land and buildings per farm.....dollars.. | 14,462 | 6,464 | 35,832 | 4,875 | 7,951 | 8,175 | 6,223 | 6,661 |
| 49 | Land alone per acre.....dollars.. | 26.72 | 67.82 | 46.16 | 42.38 | 28.72 | 58.73 | 25.77 | 133.91 |
| FARMS OPERATED BY OWNERS. | | | | | | | | | |
| 50 | Number of farms, 1920..... | 960 | 2,651 | 1,220 | 424 | 2,436 | 386 | 536 | 2,657 |
| 51 | 1910..... | 1,413 | 2,023 | 1,695 | 356 | 2,059 | 298 | ..... | 2,575 |
| 52 | 1900..... | 965 | 1,589 | 1,673 | 242 | 493 | 311 | ..... | 1,155 |
| 53 | Per cent of all farms, 1920..... | 81.6 | 87.5 | 65.6 | 87.8 | 85.3 | 85.2 | 91.5 | 84.1 |
| 54 | Land in farms, 1920.....acres.. | 451,050 | 189,127 | 841,259 | 35,579 | 590,421 | 37,640 | 107,473 | 92,396 |
| 55 | Improved land in farms, 1920.....acres.. | 152,256 | 65,313 | 498,178 | 7,370 | 174,800 | 7,095 | 37,727 | 29,796 |
| 56 | Value of land and buildings, 1920.....dollars.. | 13,553,475 | 16,310,172 | 39,302,034 | 2,108,130 | 19,220,695 | 2,736,480 | 3,155,600 | 15,433,166 |
| 57 | Degree of ownership, 1920: | | | | | | | | |
| 57 | Farmers owning entire farm.....number.. | 713 | 2,449 | 738 | 395 | 1,900 | 368 | 499 | 2,547 |
| 58 | Farmers hiring additional land.....number.. | 247 | 202 | 492 | 29 | 536 | 18 | 37 | 110 |
| 59 | Color and nativity of owners, 1920: | | | | | | | | |
| 59 | Native white owners.....number.. | 787 | 1,711 | 881 | 265 | 1,982 | 214 | 383 | 1,322 |
| 60 | Foreign-born white owners.....number.. | 161 | 918 | 339 | 148 | 385 | 172 | 151 | 1,319 |
| 61 | Negro and other nonwhite owners.....number.. | 12 | 22 | ..... | 11 | 69 | ..... | 2 | 16 |
| FARMS OPERATED BY MANAGERS. | | | | | | | | | |
| 62 | Number of farms, 1920..... | 53 | 20 | 40 | 5 | 66 | 8 | 6 | 25 |
| 63 | 1910..... | 81 | 8 | 28 | 4 | 23 | 1 | ..... | 34 |
| 64 | 1900..... | 8 | 10 | 22 | 14 | 3 | 1 | ..... | 25 |
| 65 | Land in farms, 1920.....acres.. | 27,177 | 3,016 | 70,654 | 378 | 16,172 | 1,150 | 2,980 | 3,152 |
| 66 | Improved land in farms, 1920.....acres.. | 6,090 | 1,195 | 29,708 | 77 | 5,935 | 347 | 705 | 894 |
| 67 | Value of land and buildings, 1920.....dollars.. | 938,900 | 465,750 | 2,833,420 | 21,800 | 1,119,518 | 278,000 | 136,050 | 649,177 |
| FARMS OPERATED BY TENANTS. | | | | | | | | | |
| 68 | Number of farms, 1920..... | 164 | 359 | 600 | 54 | 354 | 59 | 44 | 477 |
| 69 | 1910..... | 147 | 230 | 416 | 25 | 91 | 48 | ..... | 361 |
| 70 | 1900..... | 107 | 187 | 216 | 18 | 10 | 30 | ..... | 275 |
| 71 | Per cent of all farms, 1920..... | 13.9 | 11.8 | 32.3 | 11.2 | 12.4 | 13.0 | 7.5 | 15.1 |
| 72 | Land in farms, 1920.....acres.. | 84,104 | 34,019 | 417,492 | 4,910 | 83,203 | 10,014 | 9,033 | 23,206 |
| 73 | Improved land in farms, 1920.....acres.. | 32,270 | 12,814 | 304,702 | 926 | 31,762 | 3,067 | 4,499 | 11,263 |
| 74 | Value of land and buildings, 1920.....dollars.. | 2,529,409 | 2,820,760 | 24,511,566 | 224,500 | 2,368,801 | 688,800 | 355,100 | 4,960,547 |
| 75 | Form of tenancy, 1920: | | | | | | | | |
| 75 | Share tenants.....number.. | 87 | 60 | 520 | 5 | 203 | 6 | 15 | 36 |
| 76 | Share-cash tenants.....number.. | 8 | 7 | 23 | ..... | 12 | ..... | 2 | 10 |
| 77 | Cash tenants.....number.. | 67 | 269 | 46 | 28 | 118 | 41 | 27 | 395 |
| 78 | Unspecified.....number.. | 2 | 23 | 11 | 21 | 21 | 12 | ..... | 36 |
| 79 | Color and nativity of tenants, 1920: | | | | | | | | |
| 79 | Native white tenants.....number.. | 139 | 293 | 510 | 40 | 316 | 41 | 37 | 225 |
| 80 | Foreign-born white tenants.....number.. | 18 | 64 | 90 | 11 | 34 | 18 | 7 | 137 |
| 81 | Negro and other nonwhite tenants.....number.. | 7 | 2 | ..... | 3 | 4 | 4 | ..... | 115 |

¹ Parts of Klickitat and Yakima Counties taken to form Benton County in 1905.

AGRICULTURE—WASHINGTON.

67

WITH SELECTED ITEMS FOR 1910 AND 1900—Continued.

| San Juan. | Skagit. | Skamania. | Snohomish. | Spokane. | Stevens. ² | Thurston. | Wahkiakum. | Walla Walla. | Whatcom. | Whitman. | Yakima. ¹ | Indian. res. | |
|-------------|--------------|-------------|--------------|--------------|-----------------------|--------------|-------------|--------------|--------------|---------------|----------------------|--------------|----|
| 535 | 2,401 | 284 | 3,095 | 4,830 | 2,727 | 1,490 | 373 | 1,502 | 3,369 | 2,957 | 5,755 | 1 | |
| 483 | 1,897 | 232 | 1,813 | 3,947 | 3,196 | 1,173 | 229 | 1,383 | 2,413 | 3,094 | 3,341 | 2 | |
| 338 | 889 | 239 | 1,024 | 2,911 | 1,132 | 665 | 247 | 1,029 | 1,262 | 3,061 | 1,293 | 3 | |
| 511 | 2,308 | 266 | 2,088 | 4,659 | 2,634 | 1,426 | 349 | 1,464 | 3,229 | 2,900 | 5,606 | 4 | |
| 24 | 93 | 18 | 107 | 171 | 93 | 64 | 24 | 38 | 130 | 57 | 149 | 5 | |
| 246 | 1,457 | 196 | 1,594 | 3,501 | 1,972 | 1,045 | 140 | 1,220 | 1,585 | 2,455 | 4,471 | 6 | |
| 186 | 899 | 88 | 1,450 | 1,809 | 678 | 436 | 233 | 267 | 1,451 | 500 | 1,098 | 7 | |
| 3 | 45 | — | 51 | 20 | 77 | 9 | — | 15 | 23 | 2 | 186 | 8 | |
| 4 | 26 | 1 | 48 | 61 | 5 | 4 | — | 22 | 49 | 1 | 122 | 9 | |
| 26 | 231 | 14 | 480 | 534 | 54 | 135 | 14 | 194 | 275 | 76 | 598 | 10 | |
| 30 | 407 | 32 | 621 | 491 | 64 | 279 | 35 | 176 | 516 | 75 | 1,052 | 11 | |
| 118 | 952 | 89 | 1,066 | 701 | 269 | 437 | 107 | 247 | 1,390 | 137 | 2,110 | 12 | |
| 121 | 398 | 63 | 469 | 656 | 467 | 247 | 99 | 130 | 719 | 142 | 1,026 | 13 | |
| 122 | 266 | 46 | 306 | 1,014 | 1,161 | 193 | 80 | 144 | 338 | 462 | 452 | 14 | |
| 53 | 64 | 18 | 56 | 412 | 303 | 88 | 26 | 70 | 58 | 356 | 152 | 15 | |
| 48 | 49 | 19 | 38 | 675 | 325 | 72 | 11 | 164 | 24 | 965 | 132 | 16 | |
| 11 | 6 | 2 | 7 | 233 | 66 | 27 | 1 | 162 | 9 | 543 | 71 | 17 | |
| 2 | 2 | — | 4 | 53 | 13 | 8 | — | 193 | 3 | 200 | 40 | 18 | |
| 113, 920 | 1, 135, 360 | 1, 320, 960 | 1, 123, 840 | 1, 603, 200 | 452, 760 | 170, 860 | 503, 600 | 1, 332, 480 | 1, 349, 120 | 3, 237, 760 | — | 19 | |
| 68, 513 | 25, 757 | 151, 584 | 811, 206 | 472, 490 | 140, 040 | 33, 200 | 703, 251 | 177, 742 | 1, 252, 485 | 473, 629 | — | 21 | |
| 66, 612 | 25, 631 | 118, 328 | 682, 330 | 521, 259 | 151, 243 | 29, 030 | 733, 690 | 145, 747 | 1, 187, 966 | 320, 921 | — | 22 | |
| 50, 981 | 87, 151 | 39, 851 | 97, 507 | 655, 372 | 215, 041 | 128, 822 | 32, 564 | 651, 847 | 119, 434 | 1, 168, 817 | 542, 376 | 79, 323 | |
| 18, 922 | 73, 243 | 5, 334 | 53, 410 | 440, 637 | 139, 391 | 45, 953 | 8, 577 | 474, 161 | 73, 673 | 1, 083, 579 | 261, 896 | 23 | |
| 15, 547 | 58, 273 | 4, 477 | 34, 126 | 361, 958 | 116, 872 | 35, 112 | 4, 856 | 470, 660 | 46, 885 | 923, 820 | 176, 410 | 24 | |
| 11, 612 | 38, 553 | 4, 060 | 23, 371 | 280, 159 | 57, 582 | 24, 018 | 4, 458 | 391, 719 | 26, 642 | 104, 680 | 30, 680 | 25 | |
| 30, 859 | 38, 793 | 14, 228 | 53, 727 | 207, 468 | 243, 844 | 48, 438 | 16, 294 | 14, 120 | 56, 595 | 15, 642 | 15, 224 | 26 | |
| 18, 732 | 24, 338 | 6, 195 | 44, 447 | 154, 201 | 87, 255 | 45, 049 | 8, 338 | 214, 970 | 47, 474 | 203, 264 | 202, 539 | 27 | |
| 60, 1 | 12, 0 | 2, 4 | 11, 5 | 72, 2 | 29, 5 | 30, 9 | 19, 4 | 80, 9 | 13, 3 | 92, 8 | 14, 8 | 28 | |
| 27, 6 | 53, 7 | 20, 7 | 35, 2 | 55, 4 | 29, 5 | 32, 8 | 25, 8 | 67, 4 | 41, 4 | 82, 5 | 54, 6 | 29 | |
| 128, 1 | 56, 8 | 90, 7 | 49, 0 | 168, 0 | 173, 3 | 94, 0 | 89, 0 | 468, 2 | 52, 8 | 423, 6 | 83, 3 | 30 | |
| 35, 4 | 30, 5 | 18, 8 | 17, 3 | 93, 1 | 51, 1 | 30, 8 | 23, 0 | 315, 7 | 21, 9 | 349, 5 | 45, 5 | 31 | |
| 4, 738, 069 | 30, 144, 706 | 2, 108, 741 | 27, 607, 556 | 75, 504, 489 | 22, 653, 958 | 11, 763, 337 | 3, 470, 048 | 64, 694, 404 | 30, 315, 907 | 135, 705, 506 | 92, 127, 490 | — | 32 |
| 3, 120, 947 | 17, 960, 798 | 1, 597, 075 | 13, 346, 133 | 47, 621, 652 | 18, 620, 826 | 7, 081, 746 | 1, 429, 823 | 39, 517, 589 | 14, 715, 519 | 67, 357, 022 | 47, 777, 560 | — | 33 |
| 1, 104, 923 | 4, 266, 907 | 468, 264 | 3, 379, 552 | 11, 828, 612 | 2, 626, 069 | 2, 176, 021 | 740, 544 | 13, 980, 317 | 3, 474, 218 | 20, 222, 202 | 6, 761, 376 | 1, 656, 900 | 34 |
| 3, 009, 500 | 20, 570, 466 | 1, 448, 245 | 17, 868, 501 | 57, 907, 899 | 15, 583, 692 | 7, 807, 830 | 2, 137, 379 | 53, 921, 473 | 19, 312, 369 | 114, 564, 888 | 68, 433, 671 | — | 35 |
| 2, 255, 825 | 13, 838, 420 | 1, 265, 615 | 9, 946, 522 | 38, 984, 691 | 15, 056, 801 | 5, 553, 465 | 984, 579 | 33, 554, 517 | 10, 753, 999 | 55, 179, 702 | 40, 617, 133 | — | 36 |
| 725, 200 | 2, 956, 110 | 306, 870 | 2, 248, 440 | 8, 373, 130 | 1, 602, 190 | 1, 375, 410 | 469, 650 | 9, 055, 690 | 2, 154, 160 | 14, 805, 620 | 4, 237, 340 | 887, 800 | 37 |
| 895, 010 | 4, 703, 071 | 393, 600 | 5, 103, 610 | 10, 397, 753 | 3, 339, 075 | 2, 165, 063 | 732, 441 | 4, 552, 227 | 5, 635, 101 | 8, 516, 104 | 10, 993, 258 | — | 38 |
| 488, 075 | 2, 101, 320 | 184, 170 | 1, 861, 167 | 4, 740, 850 | 1, 717, 439 | 2, 215, 910 | 289, 780 | 2, 123, 584 | 4, 222, 343 | 3, 662, 214 | 622, 440 | — | 39 |
| 180, 440 | 599, 200 | 63, 730 | 632, 600 | 1, 514, 330 | 361, 550 | 336, 300 | 130, 090 | 1, 053, 830 | 645, 190 | 1, 768, 070 | 136, 280 | — | 40 |
| 251, 679 | 1, 975, 895 | 94, 089 | 1, 513, 224 | 3, 510, 918 | 1, 381, 247 | 627, 949 | 191, 296 | 2, 811, 838 | 1, 659, 502 | 5, 574, 923 | 5, 146, 014 | — | 41 |
| 108, 177 | 480, 826 | 46, 815 | 356, 572 | 988, 795 | 525, 567 | 209, 029 | 42, 460 | 999, 072 | 417, 807 | 1, 904, 939 | 702, 690 | — | 42 |
| 44, 880 | 169, 570 | 12, 080 | 111, 900 | 573, 190 | 146, 680 | 84, 890 | 23, 510 | 528, 560 | 134, 449 | 978, 610 | 226, 290 | 107, 120 | 43 |
| 491, 880 | 2, 895, 274 | 172, 897 | 3, 122, 221 | 3, 687, 919 | 2, 351, 944 | 1, 192, 405 | 408, 832 | 3, 408, 866 | 3, 708, 945 | 7, 107, 611 | 7, 554, 547 | — | 44 |
| 268, 870 | 1, 534, 232 | 100, 475 | 1, 181, 872 | 2, 807, 616 | 1, 321, 019 | 703, 342 | 173, 013 | 2, 840, 416 | 1, 438, 462 | 6, 050, 038 | 2, 705, 517 | — | 45 |
| 148, 403 | 542, 027 | 85, 584 | 486, 552 | 1, 367, 962 | 515, 649 | 379, 421 | 117, 264 | 1, 442, 537 | 540, 428 | 2, 669, 902 | 1, 675, 306 | 525, 760 | 46 |
| 8, 856 | 12, 555 | 7, 425 | 8, 920 | 15, 632 | 8, 308 | 7, 915 | 9, 303 | 43, 072 | 8, 998 | 45, 913 | 16, 008 | — | 47 |
| 7, 466 | 10, 526 | 6, 485 | 7, 422 | 14, 142 | 6, 693 | 7, 694 | 7, 694 | 38, 931 | 7, 405 | 41, 624 | 13, 801 | — | 48 |
| 45, 24 | 150, 87 | 56, 23 | 117, 88 | 71, 33 | 32, 98 | 55, 75 | 64, 36 | 76, 67 | 108, 65 | 91, 47 | 142, 68 | — | 49 |
| 439 | 1, 982 | 246 | 2, 707 | 3, 726 | 2, 345 | 1, 290 | 327 | 1, 000 | 2, 848 | 1, 676 | 4, 289 | — | 50 |
| 418 | 1, 583 | 202 | 1, 600 | 3, 285 | 2, 965 | 1, 009 | 202 | 976 | 2, 182 | 2, 147 | 2, 595 | — | 51 |
| 816 | 711 | 212 | 902 | 2, 413 | 1, 046 | 564 | 211 | 803 | 1, 099 | 2, 315 | 1, 006 | 666 | 52 |
| 82, 1 | 82, 5 | 86, 6 | 87, 5 | 77, 1 | 86, 0 | 86, 6 | 87, 7 | 66, 6 | 84, 5 | 56, 7 | 74, 4 | — | 53 |
| 54, 619 | 98, 584 | 20, 908 | 117, 311 | 569, 837 | 370, 812 | 106, 621 | 27, 111 | 414, 255 | 137, 264 | 680, 234 | 311, 200 | — | 54 |
| 15, 028 | 49, 404 | 4, 126 | 40, 410 | 302, 560 | 108, 696 | 33, 072 | 6, 710 | 233, 932 | 55, 033 | 531, 772 | 173, 531 | — | 55 |
| 3, 207, 260 | 18, 020, 128 | 1, 403, 795 | 18, 077, 043 | 47, 627, 060 | 15, 110, 512 | 7, 660, 173 | 2, 253, 855 | 34, 488, 190 | 19, 011, 720 | 64, 601, 762 | 56, 061, 746 | — | 56 |
| 436 | 1, 793 | 217 | 2, 569 | 2, 947 | 2, 092 | 1, 228 | 318 | 743 | 2, 026 | 1, 131 | 3, 626 | — | 57 |
| 3 | 189 | 29 | 138 | 779 | 253 | 62 | 9 | 257 | 222 | 645 | 656 | — | 58 |
| 273 | 1, 154 | 171 | 1, 348 | 2, 605 | 1, 641 | 880 | 106 | 809 | 1, 505 | 1, 359 | 3, 322 | — | 59 |
| 163 | 791 | 75 | 1, 315 | 1, 117 | 635 | 403 | 221 | 189 | 1, 312 | 317 | 900 | 60 | 61 |
| 3 | 37 | 44 | 4 | 4 | 69 | 7 | 2 | 2 | 31 | — | — | — | — |
| 6 | 17 | 4 | 33 | 100 | 34 | 23 | 3 | 37 | 37 | 38 | 129 | — | 62 |
| 11 | 12 | 8 | 21 | 51 | 38 | 5 | — | 39 | 19 | 44 | 153 | — | 63 |
| 6 | 1 | 4 | 9 | 62 | 9 | 4 | — | 25 | 2 | 14 | 45 | 1 | 64 |
| 2, 004 | 3, 208 | 591 | 8, 676 | 35, 135 | 24, 085 | 9, 970 | 852 | 48, 830 | 6, 775 | 52, 632 | 14, 390 | — | 65 |
| 258 | 1, 162 | 34 | 1, 491 | 19, 455 | 4, 092 | 4, 906 | 160 | 33, 386 | 2, 559 | 29, 549 | 10, 656 | — | 66 |
| 68, 650 | 472, 338 | 153, 000 | 798, 764 | 3, 392, 342 | 980, 225 | 853, 390 | 57, 700 | 4, 172, 655 | 899, 300 | 2, 970, 050 | 4, 683, 850 | — | 67 |
| 90 | 402 | 34 | 355 | 1, 004 | 348 | 177 | 43 | 465 | 484 | 1, 243 | 1, 344 | — | 68 |
| 54 | 302 | 22 | 192 | 611 | 193 | 159 | 27 | 368 | 212 | 905 | 593 | — | 69 |
| 16 | 177 | 23 | 113 | 436 | 77 | 97 | 36 | 201 | 161 | 752 | 242 | 79 | 70 |
| 16, 8 | 16, 7 | 12, 0 | 11, 5 | 20, 8 | 12, 8 | 11, 9 | 31, 0 | 14, 4 | 42, 0 | 22, 4 | 23, 4 | — | 71 |
| 11, 900 | 34, 558 | 4, 258 | 25, 597 | 206, 234 | 77, 593 | 23, 449 | 5, 246 | 240, 166 | 33, 703 | 519, 569 | 154, 039 | — | 72 |
| 3, 636 | 22, 677 | 1, 174 | 11, 508 | 127, 213 | 26, 603 | 7, 975 | 1, 707 | 156, 843 | 16, 051 | 472, 258 | 77, 679 | — | 73 |
| 718, 600 | 6, 781, 071 | 285, 050 | 4, 086, 304 | 17, 286, 250 | 2, 832, 030 | 1, 458, 330 | 553, 265 | 19, 812, 555 | 5, 036, 450 | 55, 511, 160 | 18, 681, 333</td | | |

AGRICULTURE—WASHINGTON.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND RANGES,

| | | THE STATE. | Adams. | Asotin. | Benton. | Chelan. | Clallam. | Clarke. | Columbia. |
|--|----------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| DOMESTIC ANIMALS: 1920. | | | | | | | | | |
| 1 Farms reporting domestic animals..... | number..... | 60,821 | 1,057 | 519 | 1,376 | 1,624 | 550 | 2,842 | 595 |
| 2 Value of all domestic animals..... | dollars..... | 77,572,066 | 2,510,037 | 1,237,932 | 2,220,433 | 797,667 | 719,875 | 2,117,648 | 1,579,579 |
| 3 Horses: | | | | | | | | | |
| 4 Total number..... | | 296,351 | 15,939 | 5,232 | 7,265 | 4,103 | 1,299 | 5,615 | 7,065 |
| 5 Colts under 1 year of age..... | | 19,524 | 1,179 | 558 | 568 | 169 | 28 | 91 | 592 |
| 6 Colts 1 year old and under 2 years..... | | 21,523 | 1,351 | 519 | 546 | 188 | 38 | 163 | 498 |
| 7 Mares 2 years old and over..... | | 126,403 | 6,606 | 2,143 | 2,906 | 1,605 | 619 | 2,431 | 3,044 |
| 8 Geldings 2 years old and over..... | | 127,332 | 6,829 | 1,943 | 3,175 | 2,143 | 605 | 2,911 | 2,596 |
| 9 Stallions 2 years old and over..... | | 1,533 | 74 | 39 | 70 | 18 | 9 | 19 | 33 |
| 10 Total value..... | dollars..... | 25,069,336 | 1,457,426 | 345,737 | 515,956 | 321,604 | 139,261 | 445,061 | 613,877 |
| 11 Mules: | | | | | | | | | |
| 12 Total number..... | | 23,091 | 2,239 | 96 | 537 | 362 | 12 | 135 | 1,295 |
| 13 Mule colts under 1 year of age..... | | 1,578 | 139 | 8 | 85 | 13 | 4 | 7 | 223 |
| 14 Mule colts 1 year old and under 2 years..... | | 1,664 | 102 | 1 | 107 | 19 | 4 | 7 | 73 |
| 15 Mules 2 years old and over..... | | 19,549 | 1,993 | 87 | 345 | 330 | 8 | 124 | 1,629 |
| 16 Total value..... | dollars..... | 2,930,813 | 265,260 | 7,055 | 48,061 | 40,727 | 1,150 | 14,366 | 265,120 |
| 17 Asses and burros: | | | | | | | | | |
| 18 Total number..... | | 399 | 14 | 1 | 18 | 22 | 11 | ----- | 10 |
| 19 Total value..... | dollars..... | 135,066 | 10,015 | 15 | 3,255 | 2,020 | 123 | ----- | 5,000 |
| 20 Cattle: | | | | | | | | | |
| 21 Total number..... | | 572,644 | 8,893 | 11,036 | 6,892 | 5,594 | 7,210 | 22,439 | 6,446 |
| 22 Total value..... | dollars..... | 36,555,949 | 464,739 | 543,193 | 422,215 | 321,166 | 477,185 | 1,351,492 | 331,390 |
| 23 Beef cattle— | | | | | | | | | |
| 24 Total number..... | | 193,819 | 4,981 | 10,182 | 2,086 | 1,109 | 622 | 2,607 | 4,247 |
| 25 Calves under 1 year of age..... | | 51,042 | 1,469 | 2,491 | 490 | 313 | 161 | 686 | 1,155 |
| 26 Heifers 1 year old and under 2 years..... | | 24,045 | 586 | 1,196 | 207 | 166 | 45 | 305 | 535 |
| 27 Cows and heifers 2 years old and over..... | | 64,924 | 1,774 | 3,837 | 633 | 342 | 236 | 729 | 1,581 |
| 28 Steers 1 year old and under 2 years..... | | 26,861 | 670 | 1,139 | 316 | 221 | 57 | 182 | 374 |
| 29 Steers 2 years old and over..... | | 23,668 | 193 | 1,362 | 404 | 43 | 55 | 658 | 512 |
| 30 Bulls 1 year old and over..... | | 3,259 | 89 | 157 | 36 | 24 | 35 | 47 | 90 |
| 31 Total value..... | dollars..... | 10,066,144 | 260,459 | 482,311 | 107,227 | 46,897 | 32,084 | 142,491 | 206,959 |
| 32 Dairy cattle— | | | | | | | | | |
| 33 Total number..... | | 378,825 | 3,912 | 574 | 4,506 | 4,455 | 6,588 | 19,832 | 2,199 |
| 34 Calves under 1 year of age..... | | 80,990 | 969 | 172 | 1,093 | 904 | 1,375 | 4,159 | 580 |
| 35 Heifers 1 year old and under 2 years..... | | 51,365 | 568 | 77 | 775 | 732 | 857 | 2,610 | 296 |
| 36 Cows and heifers 2 years old and over..... | | 238,270 | 2,297 | 613 | 2,844 | 2,695 | 4,193 | 12,674 | 1,279 |
| 37 Bulls 1 year old and over..... | | 8,209 | 78 | 12 | 94 | 74 | 100 | 389 | 44 |
| 38 Total value..... | dollars..... | 26,492,905 | 195,250 | 60,882 | 314,955 | 274,269 | 444,501 | 1,239,001 | 124,631 |
| 39 Sheep: | | | | | | | | | |
| 40 Total number..... | | 623,779 | 18,405 | 16,156 | 92,546 | 4,666 | 2,194 | 1,911 | 18,302 |
| 41 Lambs under 1 year of age..... | | 151,969 | 7,121 | 2,391 | 17,470 | 2,219 | 621 | 560 | 5,540 |
| 42 Ewes 1 year old and over..... | | 438,571 | 10,725 | 13,243 | 73,951 | 2,352 | 1,451 | 1,272 | 12,245 |
| 43 Rams 1 year old and over..... | | 10,573 | 149 | 229 | 863 | 76 | 65 | 55 | 192 |
| 44 Wethers 1 year old and over..... | | 22,666 | 410 | 293 | 262 | 19 | 27 | 24 | 25 |
| 45 Total value..... | dollars..... | 7,750,407 | 196,172 | 273,130 | 1,133,355 | 45,649 | 28,995 | 21,330 | 272,025 |
| 46 Goats: | | | | | | | | | |
| 47 Total number..... | | 6,830 | 32 | 3 | 2 | 15 | 21 | 769 | 26 |
| 48 Total value..... | dollars..... | 78,306 | 387 | 50 | 10 | 158 | 272 | 3,931 | 213 |
| 49 Swine: | | | | | | | | | |
| 50 Total number..... | | 264,747 | 5,690 | 3,704 | 5,035 | 3,380 | 4,005 | 12,526 | 5,191 |
| 51 Pigs under 6 months old..... | | 138,128 | 2,512 | 1,545 | 2,587 | 1,529 | 2,807 | 7,534 | 2,499 |
| 52 Sows and gilts for breeding, 6 months old and over..... | | 42,910 | 743 | 672 | 560 | 389 | 574 | 1,736 | 778 |
| 53 Boars for breeding, 6 months old and over..... | | 4,752 | 106 | 28 | 86 | 77 | 97 | 222 | 61 |
| 54 All other hogs, 6 months old and over..... | | 78,927 | 2,329 | 1,459 | 1,502 | 1,335 | 527 | 3,034 | 1,853 |
| 55 Total value..... | dollars..... | 5,049,249 | 92,038 | 68,752 | 97,011 | 66,343 | 72,889 | 251,468 | 91,754 |
| POULTRY AND BEES: 1920. | | | | | | | | | |
| 56 Chickens..... | number..... | 3,547,504 | 60,146 | 26,471 | 73,997 | 52,074 | 27,139 | 136,496 | 32,851 |
| 57 Other poultry..... | number..... | 66,871 | 1,380 | 428 | 1,442 | 1,068 | 722 | 2,177 | 795 |
| 58 Value of all poultry..... | dollars..... | 4,389,750 | 63,043 | 25,348 | 91,095 | 56,425 | 34,791 | 162,462 | 31,047 |
| 59 Bees..... | number of hives..... | 56,296 | 3 | 173 | 2,483 | 695 | 555 | 1,886 | 267 |
| 60 Total value..... | dollars..... | 354,305 | 15 | 851 | 19,603 | 4,290 | 3,028 | 9,489 | 1,295 |
| LIVE-STOCK PRODUCTS: 1919. | | | | | | | | | |
| 61 Dairy products: | | | | | | | | | |
| 62 Milk produced (as reported)..... | gallons..... | 124,019,763 | 847,282 | 297,890 | 1,342,171 | 1,140,756 | 2,167,553 | 5,674,870 | 477,825 |
| 63 Milk sold..... | gallons..... | 63,575,329 | 124,670 | 12,918 | 49,093 | 151,718 | 226,580 | 1,494,112 | 47,382 |
| 64 Cream sold..... | gallons..... | 1,536,206 | 9,635 | 1,864 | 12,019 | 7,731 | 58,167 | 155,739 | 5,612 |
| 65 Butter fat sold..... | pounds..... | 9,738,094 | 18,767 | 5,001 | 221,998 | 66,889 | 515,735 | 981,163 | 18,743 |
| 66 Butter made on farms..... | pounds..... | 5,899,678 | 131,454 | 57,561 | 140,658 | 163,880 | 51,033 | 216,255 | 88,708 |
| 67 Butter sold..... | pounds..... | 2,012,530 | 48,862 | 19,130 | 36,226 | 47,136 | 13,172 | 57,881 | 33,259 |
| 68 Cheese made on farms..... | pounds..... | 84,868 | 360 | 40 | 505 | 202 | 200 | 1,945 | 50 |
| 69 Value of dairy products ¹ | dollars..... | 27,620,231 | 130,984 | 42,006 | 237,750 | 199,528 | 495,379 | 1,295,673 | 80,607 |
| 70 Receipts from sale of dairy products..... | dollars..... | 25,412,685 | 94,739 | 21,928 | 183,345 | 131,801 | 473,353 | 1,199,604 | 52,018 |
| 71 Average production of milk per dairy cow..... | gallons..... | 571 | 400 | 340 | 325 | 479 | 571 | 523 | 380 |
| 72 Eggs and chickens: | | | | | | | | | |
| 73 Eggs produced (as reported)..... | dozens..... | 20,117,449 | 319,195 | 150,706 | 449,365 | 281,912 | 163,650 | 668,160 | 163,687 |
| 74 Eggs sold..... | dozens..... | 13,107,150 | 140,290 | 74,024 | 217,251 | 104,565 | 94,429 | 429,289 | 43,396 |
| 75 Chickens raised (as reported)..... | number..... | 3,834,122 | 81,878 | 28,406 | 76,022 | 69,128 | 29,753 | 132,712 | 31,479 |
| 76 Chickens sold..... | number..... | 1,482,355 | 13,608 | 9,728 | 28,084 | 10,470 | 9,926 | 51,365 | 6,367 |
| 77 Value of chickens and eggs produced..... | dollars..... | 12,474,477 | 181,148 | 93,470 | 215,027 | 198,332 | 109,510 | 425,559 | 99,346 |
| 78 Receipts from sale of chickens and eggs..... | dollars..... | 7,440,768 | 63,182 | 42,060 | 99,220 | 61,088 | 56,525 | 244,697 | 24,469 |
| 79 Honey and wax: | | | | | | | | | |
| 80 Honey produced..... | pounds..... | 1,595,206 | 144 | 260 | 133,470 | 7,320 | 8,879 | 22,793 | 2,338 |
| 81 Wax produced..... | pounds..... | 17,420 | 36 | 10 | 1,767 | 43 | 98 | 788 | ----- |
| 82 Value of honey and wax..... | dollars..... | 407,421 | 36 | 70 | 34,216 | 1,851 | 2,267 | 6,076 | 585 |
| 83 Wool: | | | | | | | | | |
| 84 Sheep shorn..... | number..... | 463,708 | 11,438 | 15,440 | 58,272 | 8,924 | 1,623 | 1,068 | 15,760 |
| 85 Wool produced (as reported)..... | pounds..... | 4,077,443 | 104,060 | 140,113 | 490,620 | 61,492 | 10,815 | 8,190 | 183,410 |
| 86 Value..... | dollars..... | 1,849,307 | 43,390 | 68,888 | 219,217 | 30,273 | 4,550 | 4,010 | 75,186 |

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC ANIMALS

| | | | | | | | | | |
|--|--|--------|-----|-------|-----|-------|-----|-----|-------|
| 1 Inclosures reporting domestic animals..... | | 18,548 | 173 | 222 | 211 | 283 | 225 | 407 | 165 |
| 2 Horses, total number..... | | 18,359 | 303 | 171 | 286 | 390 | 171 | 356 | 265 |
| 3 Mules, total number..... | | 1,257 | 49 | 2 | 35 | 21 | 4 | 32 | 9 |
| 4 Asses and burros, total number..... | | 104 | 6 | ----- | 16 | ----- | 1 | 1 | 1 |
| 5 Cattle, total number..... | | 32,909 | 255 | 285 | 229 | 353 | 289 | 534 | 260 |
| 6 Dairy cows..... | | 18,443 | 169 | 209 | 188 | 250 | 211 | 387 | 151 |
| 7 Sheep, total number..... | | 24,506 | 5 | 19 | 7 | 108 | 39 | 27 | ----- |
| 8 Goats, total number..... | | 810 | 2 | 2 | 6 | 51 | 68 | 17 | ----- |
| 9 Swine, total number..... | | 16,910 | 54 | 161 | 102 | 127 | 146 | 224 | 114 |

AGRICULTURE—WASHINGTON.

69

1920; AND LIVE-STOCK PRODUCTS, 1919.

| Cowlitz. | Douglas. | Ferry. | Franklin. | Garfield. | Grant. | Grays Harbor. | Island. | Jefferson. | King. | Kitsap. | Kittitas. |
|-------------------|--------------------|------------------|------------------|------------------|--------------------|-------------------|------------------|------------------|---------------------|------------------|------------------|
| 1,003 924,475 | 1,523 2,239,999 | 695 806,710 | 382 1,394,648 | 409 1,118,570 | 1,048 2,252,906 | 974 1,053,546 | 688 504,938 | 317 385,752 | 3,267 3,910,744 | 1,388 550,750 | 891 1,981,604 |
| 2,339 104 | 18,024 1,542 | 4,124 393 | 5,360 403 | 7,714 725 | 13,905 1,356 | 1,853 55 | 1,126 28 | 562 9 | 4,356 68 | 1,280 15 | 5,872 492 |
| 105 | 1,691 | 444 | 429 | 725 | 1,543 | 93 | 33 | 10 | 78 | 8 | 583 |
| 1,127 | 7,376 | 1,782 | 2,194 | 3,317 | 5,625 | 996 | 451 | 249 | 1,510 | 445 | 2,487 |
| 990 | 7,283 | 1,479 | 2,297 | 2,955 | 5,295 | 687 | 619 | 290 | 2,682 | 806 | 2,270 |
| 13 | 132 | 26 | 37 | 47 | 86 | 22 | 4 | 4 | 18 | 6 | 40 |
| 207,998 | 1,550,236 | 244,484 | 443,284 | 557,018 | 948,589 | 183,484 | 118,012 | 52,501 | 375,987 | 101,433 | 495,541 |
| 29 | 1,145 | 187 | 1,403 | 395 | 537 | 6 | 18 | 12 | 32 | 8 | 85 |
| 119 | 48 | 109 | 79 | 39 | 2 | 3 | 3 | 1 | 1 | 6 | 11 |
| 65 | 28 | 127 | 62 | 28 | 4 | 15 | 11 | 29 | 7 | 9 | 12 |
| 29 | 961 | 111 | 1,167 | 254 | 470 | 403 | 1,455 | 589 | 2,116 | 855 | 7,166 |
| 3,695 | 132,172 | 12,995 | 176,125 | 41,700 | 52,705 | 403 | 310,249 | 305,300 | 3,132,413 | 367,998 | 14,914 |
| 3 | 10 | 17 | 9 | 2 | 49 | 3 | 1 | 2 | 1 | 1 | 15 |
| 75 | 4,700 | 1,360 | 5,700 | 200 | 6,585 | 910 | 100 | 100 | 10 | 1,000 | 16 |
| 11,708 607,757 | 8,077 403,228 | 8,893 446,383 | 3,112 163,092 | 6,291 290,336 | 12,001 625,020 | 10,907 792,375 | 4,535 310,249 | 3,758 305,300 | 32,452 3,132,413 | 5,183 367,998 | 763,871 |
| 3,286 | 3,262 | 5,215 | 1,924 | 4,886 | 8,213 | 1,858 | 91 | 682 | 1,505 | 156 | 9,648 |
| 832 | 1,034 | 1,718 | 324 | 1,452 | 1,990 | 422 | 16 | 207 | 334 | 29 | 2,340 |
| 451 | 522 | 694 | 297 | 628 | 1,022 | 288 | 3 | 72 | 188 | 19 | 1,281 |
| 1,363 | 1,067 | 1,891 | 764 | 1,569 | 2,770 | 687 | 36 | 257 | 756 | 71 | 4,206 |
| 327 | 435 | 618 | 428 | 629 | 1,082 | 235 | 17 | 64 | 115 | 27 | 881 |
| 241 | 136 | 193 | 89 | 515 | 1,201 | 187 | 17 | 57 | 73 | 6 | 798 |
| 72 | 68 | 101 | 22 | 93 | 148 | 39 | 2 | 25 | 39 | 4 | 142 |
| 140,567 | 141,308 | 244,492 | 92,724 | 217,184 | 429,376 | 90,618 | 5,876 | 32,313 | 96,907 | 9,055 | 443,559 |
| 8,422 | 4,815 | 3,678 | 1,188 | 1,405 | 3,848 | 9,049 | 4,444 | 3,106 | 30,947 | 5,027 | 5,266 |
| 1,626 | 1,358 | 1,079 | 275 | 417 | 1,013 | 1,728 | 916 | 645 | 4,469 | 846 | 1,360 |
| 1,154 | 508 | 491 | 172 | 182 | 510 | 1,353 | 702 | 456 | 3,804 | 681 | 663 |
| 5,417 | 2,813 | 2,126 | 717 | 779 | 2,285 | 5,745 | 2,726 | 1,931 | 21,947 | 3,414 | 3,132 |
| 225 | 76 | 52 | 24 | 27 | 60 | 223 | 100 | 74 | 727 | 86 | 108 |
| 467,190 | 261,920 | 201,891 | 70,368 | 73,152 | 195,644 | 701,757 | 304,373 | 272,987 | 3,035,506 | 358,943 | 319,982 |
| 2,672 | 4,053 | 6,921 | 47,493 | 18,838 | 46,336 | 1,801 | 2,713 | 282 | 827 | 533 | 50,991 |
| 389 | 565 | 807 | 14,752 | 5,727 | 13,723 | 471 | 675 | 78 | 283 | 128 | 13,125 |
| 2,161 | 3,322 | 5,906 | 28,599 | 11,173 | 28,098 | 1,056 | 1,976 | 195 | 496 | 358 | 34,709 |
| 100 | 129 | 63 | 304 | 154 | 386 | 53 | 61 | 8 | 25 | 37 | 1,462 |
| 22 | 27 | 145 | 3,838 | 1,784 | 4,129 | 21 | 1 | 1 | 23 | 10 | 1,695 |
| 28,781 | 63,079 | 68,209 | 564,528 | 171,290 | 561,773 | 17,881 | 32,161 | 3,043 | 9,828 | 5,779 | 641,630 |
| 269 | 76 | 49 | 10 | 4 | 73 | 117 | 50 | 19 | 199 | 42 | 143 |
| 1,528 | 665 | 461 | 75 | 19 | 611 | 775 | 430 | 94 | 2,510 | 504 | 1,122 |
| 3,913 | 4,979 | 2,359 | 2,081 | 4,239 | 3,880 | 3,074 | 2,038 | 1,312 | 14,883 | 3,105 | 3,984 |
| 2,247 | 2,462 | 1,273 | 880 | 1,124 | 1,797 | 1,757 | 1,435 | 547 | 8,928 | 2,084 | 2,358 |
| 700 | 812 | 440 | 290 | 710 | 504 | 472 | 357 | 213 | 3,476 | 418 | 657 |
| 106 | 99 | 36 | 31 | 45 | 56 | 51 | 31 | 42 | 261 | 67 | 73 |
| 860 | 1,606 | 604 | 900 | 1,760 | 1,023 | 794 | 215 | 210 | 2,208 | 536 | 596 |
| 74,641 | 85,919 | 37,818 | 41,844 | 57,998 | 57,682 | 58,628 | 41,721 | 23,884 | 387,490 | 74,171 | 71,274 |
| 36,468 | 79,813 | 19,885 | 20,615 | 23,399 | 49,012 | 55,017 | 68,484 | 16,489 | 349,826 | 149,788 | 41,640 |
| 1,112 | 2,320 | 372 | 1,074 | 711 | 1,240 | 634 | 231 | 380 | 4,651 | 2,118 | 799 |
| 46,462 | 70,948 | 18,950 | 20,566 | 15,307 | 46,252 | 78,112 | 92,113 | 25,798 | 529,956 | 225,602 | 42,477 |
| 2,050 | 125 | 44 | 23 | 90 | 3,041 | 374 | 122 | 3,436 | 811 | 2,866 | 50 |
| 13,727 | 848 | 263 | 123 | 782 | 15,875 | 8,217 | 713 | 17,906 | 5,410 | 24,058 | 51 |
| 2,608,050 | 1,126,607 | 787,650 | 281,376 | 238,250 | 816,801 | 2,746,463 | 1,340,611 | 666,802 | 15,561,694 | 1,631,215 | 1,411,260 |
| 550,122 | 36,659 | 4,443 | 38,409 | 5,871 | 101,767 | 1,478,003 | 330,963 | 313,560 | 12,131,586 | 542,496 | 237,751 |
| 58,797 | 17,044 | 18,024 | 6,494 | 1,738 | 21,768 | 52,219 | 8,099 | 36,012 | 72,624 | 42,770 | 57,195 |
| 379,312 | 23,936 | 120,552 | 4,525 | 1,563 | 41,486 | 251,970 | 312,647 | 102,903 | 608,693 | 115,276 | 276,515 |
| 99,056 | 163,177 | 77,512 | 33,828 | 43,663 | 100,177 | 77,014 | 61,850 | 53,400 | 210,046 | 223,133 | 46,750 |
| 26,115 | 44,619 | 23,945 | 8,878 | 10,926 | 27,068 | 31,016 | 19,913 | 36,910 | 97,107 | 100,331 | 9,729 |
| 718 | 388 | 1,215 | 60 | 280 | 717 | 557 | 562 | 748 | 12,604 | 1,828 | 49 |
| 505,702 | 141,025 | 138,873 | 47,739 | 29,298 | 150,045 | 705,049 | 325,925 | 250,971 | 3,914,239 | 430,620 | 311,369 |
| 463,963 | 82,750 | 109,529 | 33,374 | 12,283 | 110,521 | 678,601 | 302,407 | 240,782 | 3,830,235 | 364,748 | 289,105 |
| 470 | 397 | 382 | 424 | 293 | 330 | 557 | 642 | 748 | 495 | 523 | 61 |
| 211,560 | 390,863 | 132,750 | 84,370 | 82,456 | 278,137 | 340,283 | 448,044 | 109,732 | 2,498,697 | 1,115,754 | 175,093 |
| 135,347 | 165,445 | 47,043 | 25,060 | 16,353 | 103,431 | 197,965 | 364,761 | 90,762 | 954,550 | 82,562 | 63 |
| 41,401 | 102,383 | 25,388 | 21,655 | 23,368 | 61,143 | 62,160 | 61,328 | 17,382 | 383,144 | 44,327 | 64 |
| 14,748 | 25,611 | 4,705 | 5,044 | 5,181 | 18,174 | 20,185 | 25,373 | 1,921 | 227,394 | 98,764 | 13,017 |
| 128,069 | 231,784 | 75,619 | 52,759 | 46,934 | 161,798 | 229,488 | 255,390 | 68,424 | 1,548,201 | 667,771 | 117,183 |
| 74,012 | 84,534 | 23,542 | 15,567 | 9,382 | 53,609 | 118,637 | 190,981 | 50,763 | 1,223,026 | 541,971 | 49,083 |
| 54,115 | 1,029 | 919 | 330 | 1,396 | 101,174 | 5,310 | 1,907 | 43,921 | 9,742 | 93,363 | 68 |
| 1,250 | 259 | 3 | 321 | 88 | 1,034 | 92 | 43 | 284 | 70 | 2,470 | 70 |
| 14,129 | 259 | 231 | 355 | 26,790 | 1,372 | 498 | 11,116 | 2,470 | 23,341 | 70 | |
| 888 | 3,694 | 578 | 29,074 | 15,351 | 37,048 | 891 | 2,041 | 216 | 543 | 372 | 45,671 |
| 7,853 | 24,717 | 4,400 | 312,561 | 148,551 | 268,426 | 7,459 | 14,727 | 1,569 | 4,019 | 2,536 | 405,446 |
| 8,782 | 10,336 | 1,994 | 140,092 | 62,130 | 122,808 | 3,291 | 6,489 | 623 | 1,702 | 1,108 | 200,349 |

NOT ON FARMS OR RANGES: 1920.

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-------|-----|-----|-----|--------|-------|-----|---|
| 363 | 128 | 147 | 89 | 84 | 103 | 551 | 133 | 100 | 2,657 | 504 | 413 | 1 |
| 248 | 277 | 371 | 113 | 107 | 255 | 463 | 93 | 97 | 2,148 | 268 | 414 | 2 |
| 2 | 22 | 8 | 10 | 2 | 2 | 2 | 16 | 35 | 56 | 7 | 42 | 3 |
| 3 | 5 | | | | 3 | 1 | | 3 | 3 | 2 | | 4 |
| 642 | 203 | 289 | 167 | 142 | 152 | 956 | 211 | 173 | 5,193 | 707 | 653 | 5 |
| 455 | 112 | 126 | 92 | 91 | 84 | 629 | 137 | 112 | 2,735 | 588 | 527 | 6 |
| | 2 | 5 | 1 | 47 | 2,284 | 24 | 63 | | 14,603 | 3,671 | 527 | 7 |
| 255 | 159 | 73 | 62 | 8 | 271 | 747 | 126 | 68 | 3,671 | 527 | 287 | 9 |

AGRICULTURE—WASHINGTON.

COUNTY TABLE II.—LIVE STOCK ON FARMS AND

| | | Klickitat. | Lewis. | Lincoln. | Mason. | Okanogan. | Pacific. | Pend Oreille. |
|-----------------------------------|---|------------|-----------|-----------|---------|-----------|-----------|---------------|
| DOMESTIC ANIMALS: 1920. | | | | | | | | |
| 1 | Farms reporting domestic animals..... | 1,106 | 2,785 | 1,811 | 407 | 2,566 | 415 | 51 |
| 2 | Value of all domestic animals..... | 2,127,909 | 2,359,097 | 4,107,103 | 270,838 | 3,598,791 | 579,731 | 332,04 |
| Horses: | | | | | | | | |
| 3 | Total number..... | 7,761 | 5,524 | 27,149 | 673 | 18,101 | 838 | 1,34 |
| 4 | Colts under 1 year of age..... | 571 | 118 | 1,597 | 7 | 1,604 | 17 | 7 |
| 5 | Colts 1 year old and under 2 years..... | 580 | 244 | 1,953 | 17 | 1,981 | 17 | 4 |
| 6 | Mares 2 years old and over..... | 3,396 | 2,712 | 11,786 | 307 | 7,640 | 392 | 56 |
| 7 | Geldings 2 years old and over..... | 3,186 | 2,434 | 11,730 | 337 | 6,757 | 408 | 64 |
| 8 | Stallions 2 years old and over..... | 28 | 16 | 78 | 5 | 119 | 4 | |
| 9 | Total value..... | 571,534 | 503,176 | 2,886,580 | 62,848 | 1,068,515 | 80,562 | 118,15 |
| Mules: | | | | | | | | |
| 10 | Total number..... | 326 | 109 | 2,755 | 6 | 459 | 2 | 1 |
| 11 | Mule colts under 1 year of age..... | 40 | 11 | 215 | ..... | 129 | ..... | ..... |
| 12 | Mule colts 1 year old and under 2 years..... | 50 | 13 | 151 | ..... | 58 | ..... | ..... |
| 13 | Mules 2 years old and over..... | 236 | 85 | 2,389 | 6 | 272 | 2 | 1 |
| 14 | Total value..... | 29,755 | 10,450 | 380,011 | 650 | 33,312 | 175 | 1,72 |
| Asses and burros: | | | | | | | | |
| 15 | Total number..... | 4 | 6 | 40 | ..... | 33 | ..... | ..... |
| 16 | Total value..... | 760 | 957 | 30,950 | ..... | 9,595 | ..... | ..... |
| Cattle: | | | | | | | | |
| 17 | Total number..... | 15,419 | 25,156 | 17,633 | 3,331 | 42,820 | 6,963 | 3,59 |
| 18 | Total value..... | 745,665 | 1,624,302 | 1,087,255 | 183,443 | 2,186,176 | 463,739 | 186,95 |
| Beef cattle— | | | | | | | | |
| 19 | Total number..... | 11,712 | 2,906 | 9,597 | 809 | 29,323 | 1,802 | 1,28 |
| 20 | Calves under 1 year of age..... | 3,098 | 776 | 2,517 | 220 | 8,582 | 433 | 46 |
| 21 | Heifers 1 year old and under 2 years..... | 1,634 | 426 | 1,499 | 112 | 3,745 | 177 | 18 |
| 22 | Cows and heifers 2 years old and over..... | 4,154 | 923 | 3,280 | 303 | 9,721 | 876 | 37 |
| 23 | Steers 1 year old and under 2 years..... | 1,001 | 388 | 1,332 | 91 | 4,431 | 184 | 171 |
| 24 | Steers 2 years old and over..... | 1,044 | 325 | 775 | 60 | 2,431 | 105 | 56 |
| 25 | Bulls 1 year old and over..... | 181 | 68 | 194 | 23 | 413 | 44 | 30 |
| 26 | Total value..... | 541,424 | 145,146 | 630,053 | 34,496 | 1,481,103 | 92,175 | 57,23 |
| Dairy cattle— | | | | | | | | |
| 27 | Total number..... | 3,707 | 22,250 | 8,036 | 2,522 | 13,497 | 5,161 | 2,312 |
| 28 | Calves under 1 year of age..... | 913 | 4,214 | 1,774 | 550 | 4,412 | 1,036 | 613 |
| 29 | Heifers 1 year old and under 2 years..... | 512 | 3,230 | 1,055 | 389 | 1,737 | 704 | 373 |
| 30 | Cows and heifers 2 years old and over..... | 2,227 | 14,293 | 5,054 | 1,534 | 7,179 | 3,298 | 1,264 |
| 31 | Bulls 1 year old and over..... | 55 | 513 | 153 | 69 | 169 | 123 | 62 |
| 32 | Total value..... | 204,241 | 1,479,156 | 467,203 | 148,947 | 715,073 | 373,564 | 129,751 |
| Sheep: | | | | | | | | |
| 33 | Total number..... | 48,904 | 8,574 | 3,180 | 344 | 13,054 | 323 | 567 |
| 34 | Lambs under 1 year of age..... | 10,018 | 658 | 968 | 81 | 2,407 | 112 | 128 |
| 35 | Ewes 1 year old and over..... | 34,732 | 2,628 | 2,093 | 246 | 10,305 | 184 | 420 |
| 36 | Rams 1 year old and over..... | 635 | 192 | 92 | 16 | 232 | 15 | 9 |
| 37 | Wethers 1 year old and over..... | 3,519 | 96 | 27 | 1 | 110 | 12 | 3 |
| 38 | Total value..... | 614,135 | 42,606 | 39,285 | 4,545 | 146,006 | 3,886 | 6,223 |
| Goats: | | | | | | | | |
| 39 | Total number..... | 457 | 269 | 24 | 49 | 173 | 38 | 20 |
| 40 | Total value..... | 3,089 | 1,200 | 228 | 570 | 1,335 | 383 | 244 |
| Swine: | | | | | | | | |
| 41 | Total number..... | 10,599 | 10,319 | 8,707 | 917 | 9,221 | 1,380 | 684 |
| 42 | Pigs under 6 months old..... | 4,929 | 6,062 | 4,242 | 550 | 4,629 | 802 | 377 |
| 43 | Sows and gilts for breeding, 6 months old and over..... | 1,532 | 1,462 | 1,518 | 117 | 1,382 | 214 | 147 |
| 44 | Boars for breeding, 6 months old and over..... | 173 | 201 | 148 | 27 | 178 | 34 | 22 |
| 45 | All other hogs, 6 months old and over..... | 3,965 | 2,594 | 2,799 | 223 | 2,832 | 330 | 138 |
| 46 | Total value..... | 162,971 | 176,406 | 172,794 | 18,782 | 143,852 | 28,986 | 18,666 |
| POULTRY AND BEES: 1920. | | | | | | | | |
| 47 | Chickens..... | 40,034 | 180,679 | 111,307 | 27,295 | 83,833 | 13,956 | 13,373 |
| 48 | Other poultry..... | 761 | 2,478 | 2,762 | 513 | 3,084 | 305 | 276 |
| 49 | Value of all poultry..... | 43,107 | 217,781 | 96,515 | 35,231 | 75,774 | 16,550 | 14,472 |
| 50 | Bees..... | 274 | 4,179 | 218 | 993 | 1,251 | 214 | 28 |
| 51 | Total value..... | 1,631 | 20,680 | 1,438 | 6,011 | 9,084 | 1,160 | 183 |
| LIVE-STOCK PRODUCTS: 1919. | | | | | | | | |
| Dairy products: | | | | | | | | |
| 52 | Milk produced (as reported)..... | 881,803 | 6,928,140 | 1,719,634 | 677,954 | 3,230,794 | 1,257,631 | 539,948 |
| 53 | Milk sold..... | 37,587 | 4,259,313 | 284,652 | 49,061 | 97,536 | 802,598 | 37,712 |
| 54 | Cream sold..... | 15,879 | 77,764 | 25,100 | 16,982 | 51,088 | 23,713 | 6,109 |
| 55 | Butter fat sold..... | 130,180 | 448,399 | 79,061 | 109,188 | 55,412 | 113,491 | 81,128 |
| 56 | Butter made on farms..... | 85,415 | 224,601 | 271,623 | 57,815 | 210,392 | 29,999 | 73,837 |
| 57 | Butter sold..... | 17,590 | 54,550 | 84,742 | 18,329 | 42,059 | 10,651 | 31,480 |
| 58 | Cheese made on farms..... | 1,066 | 704 | 215 | 381 | 180 | 18,118 | 400 |
| 59 | Value of dairy products ¹ | 166,747 | 1,569,934 | 309,924 | 142,393 | 578,854 | 227,122 | 107,526 |
| 60 | Receipts from sale of dairy products..... | 129,112 | 1,478,543 | 208,648 | 117,837 | 486,159 | 210,313 | 84,120 |
| 61 | Average production of milk per dairy cow..... | 335 | 544 | 388 | 497 | 473 | 493 | 471 |
| Eggs and chickens: | | | | | | | | |
| 62 | Eggs produced (as reported)..... | 203,917 | 880,935 | 534,770 | 176,985 | 440,251 | 97,116 | 79,619 |
| 63 | Eggs sold..... | 76,764 | 603,176 | 209,377 | 109,688 | 183,246 | 51,643 | 33,254 |
| 64 | Chickens raised (as reported)..... | 35,673 | 193,380 | 138,776 | 23,564 | 105,109 | 7,455 | 14,939 |
| 65 | Chickens sold..... | 10,050 | 70,824 | 34,593 | 10,800 | 23,570 | 3,318 | 2,800 |
| 66 | Value of chickens and eggs produced..... | 112,858 | 594,312 | 325,909 | 101,448 | 270,311 | 53,996 | 67,339 |
| 67 | Receipts from sale of chickens and eggs..... | 39,780 | 361,382 | 112,673 | 60,268 | 96,011 | 27,841 | 24,828 |
| Honey and wax: | | | | | | | | |
| 68 | Honey produced..... | 1,324 | 71,634 | 1,443 | 36,017 | 30,901 | 3,009 | 1,302 |
| 69 | Wax produced..... | 381 | 200 | 55 | 402 | 235 | 6 | 4 |
| 70 | Value of honey and wax..... | 381 | 18,005 | 387 | 9,197 | 7,838 | 778 | 328 |
| Wool: | | | | | | | | |
| 71 | Sheep shorn..... | 37,412 | 1,889 | 2,131 | 213 | 8,775 | 230 | 160 |
| 72 | Wool produced (as reported)..... | 351,723 | 14,220 | 19,560 | 1,788 | 77,856 | 1,306 | 1,313 |
| 73 | Value..... | 160,740 | 6,730 | 8,226 | 805 | 80,887 | 594 | 580 |

¹ Value of milk, cream, and butter fat sold, and of butter and cheese made on farms.

COUNTY TABLE III.—DOMESTIC A

| | | | | | | | | |
|---|--|-------|-------|-------|-------|-------|-------|-------|
| 1 | Inclusions reporting domestic animals..... | 180 | 649 | 298 | 118 | 296 | 333 | 163 |
| 2 | Horses, total number..... | 325 | 318 | 340 | 111 | 688 | 155 | 440 |
| 3 | Mules, total number..... | 10 | 8 | 11 | ..... | 18 | 40 | 13 |
| 4 | Asses and burros, total number..... | ..... | ..... | ..... | ..... | ..... | ..... | 1 |
| 5 | Cattle, total number..... | 607 | 930 | 454 | 224 | 711 | 709 | 145 |
| 6 | Dairy cows..... | 170 | 649 | 287 | 148 | 301 | 477 | 89 |
| 7 | Sheep, total number..... | 228 | 2 | 6 | ..... | 435 | 20 | 4 |
| 8 | Goats, total number..... | 41 | 9 | 1 | ..... | 2 | 20 | ..... |
| 9 | Swine, total number..... | 163 | 449 | 434 | 177 | 196 | 215 | 51 |

AGRICULTURE—WASHINGTON.

71

1920; AND LIVE-STOCK PRODUCTS, 1919—Continued.

| San Juan. | Skagit. | Skamania. | Snohomish. | Spokane. | Stevens. | Thurston. | Wahkiakum. | Walla Walla. | Whatcom. | Whitman. | Yakima. | |
|-----------|------------|-----------|------------|-----------|-----------|-----------|------------|--------------|------------|-----------|-----------|----|
| 498 | 2,259 | 258 | 2,895 | 4,317 | 2,531 | 1,357 | 360 | 1,445 | 3,149 | 2,886 | 5,348 | 1 |
| 458,695 | 2,712,001 | 160,522 | 2,873,015 | 3,454,532 | 2,268,898 | 1,083,307 | 304,741 | 3,293,281 | 3,213,699 | 6,934,917 | 7,217,663 | 2 |
| 1,102 | 4,352 | 456 | 3,798 | 20,230 | 9,510 | 2,664 | 472 | 13,025 | 5,204 | 37,284 | 20,491 | 3 |
| 25 | 170 | 12 | 55 | 1,127 | 572 | 90 | 2 | 955 | 117 | 2,573 | 1,136 | 4 |
| 63 | 155 | 9 | 50 | 1,230 | 693 | 102 | 7 | 848 | 140 | 3,043 | 1,229 | 5 |
| 478 | 2,096 | 174 | 1,546 | 8,907 | 4,280 | 1,284 | 232 | 5,702 | 2,340 | 16,035 | 8,356 | 6 |
| 534 | 1,913 | 260 | 2,140 | 8,910 | 3,921 | 1,175 | 224 | 5,406 | 2,586 | 15,137 | 9,654 | 7 |
| 2 | 18 | 1 | 7 | 56 | 44 | 13 | 7 | 114 | 21 | 196 | 86 | 8 |
| 116,688 | 472,131 | 37,145 | 352,874 | 1,635,069 | 676,492 | 233,810 | 44,167 | 1,186,611 | 524,253 | 3,699,945 | 1,889,125 | 9 |
| 5 | 21 | 32 | 27 | 621 | 225 | 41 | ----- | 4,898 | 34 | 3,443 | 823 | 10 |
| | | | 27 | 24 | 21 | 5 | ----- | 186 | 322 | 322 | 48 | 11 |
| | 1 | 32 | 27 | 570 | 181 | 36 | ----- | 289 | 34 | 2,515 | 669 | 13 |
| 560 | 2,727 | 3,245 | 3,490 | 77,081 | 22,375 | 4,700 | ----- | 721,818 | 3,634 | 460,640 | 98,737 | 14 |
| 1 | 1 | 2 | 6 | 3,160 | 3,160 | 1 | ----- | 12,583 | 4 | 32,587 | 28 | 15 |
| 25 | 10 | 15 | 595 | ----- | 60 | ----- | ----- | ----- | 45 | 1,686 | 1,686 | 16 |
| 3,304 | 24,774 | 1,712 | 28,349 | 23,877 | 24,813 | 12,462 | 4,638 | 13,130 | 30,799 | 23,407 | 50,734 | 17 |
| 195,263 | 2,047,477 | 99,339 | 2,361,486 | 1,384,294 | 1,254,537 | 723,034 | 305,960 | 785,693 | 2,513,778 | 1,647,192 | 3,205,710 | 18 |
| 129 | 1,178 | 446 | 805 | 5,206 | 10,765 | 1,584 | 199 | 6,634 | 886 | 14,671 | 26,537 | 19 |
| 35 | 313 | 153 | 217 | 1,780 | 3,291 | 429 | 102 | 1,570 | 249 | 5,124 | 4,040 | 20 |
| 12 | 188 | 54 | 91 | 670 | 1,317 | 221 | 14 | 737 | 92 | 1,661 | 2,061 | 21 |
| 34 | 434 | 144 | 338 | 1,698 | 3,827 | 442 | 39 | 2,906 | 373 | 4,179 | 6,013 | 22 |
| 16 | 89 | 70 | 108 | 656 | 1,541 | 243 | 27 | 494 | 85 | 1,020 | 5,506 | 23 |
| 6 | 124 | 11 | 39 | 297 | 593 | 217 | 17 | 791 | 87 | 1,204 | 8,651 | 24 |
| 6 | 30 | 14 | 12 | 87 | 196 | 32 | 128 | 9 | 275 | 266 | 25 | |
| 5,021 | 66,380 | 19,493 | 41,059 | 244,590 | 497,529 | 70,129 | 6,582 | 357,613 | 46,454 | 717,218 | 1,737,728 | 26 |
| 3,175 | 23,506 | 1,266 | 27,544 | 18,671 | 14,048 | 10,878 | 4,489 | 6,496 | 23,913 | 14,736 | 24,197 | 27 |
| 624 | 3,822 | 239 | 4,347 | 4,100 | 3,812 | 2,022 | 791 | 1,417 | 5,612 | 4,152 | 8,507 | 28 |
| 404 | 2,928 | 181 | 3,934 | 2,447 | 1,981 | 1,746 | 585 | 850 | 4,585 | 1,996 | 3,035 | 29 |
| 2,070 | 16,166 | 823 | 18,488 | 11,770 | 8,028 | 6,860 | 2,957 | 4,086 | 18,990 | 8,630 | 12,283 | 30 |
| 77 | 690 | 23 | 775 | 354 | 227 | 250 | 156 | 143 | 726 | 258 | 372 | 31 |
| 193,242 | 1,981,097 | 79,848 | 2,320,427 | 1,139,704 | 787,008 | 653,505 | 302,378 | 428,050 | 2,467,324 | 929,974 | 1,467,972 | 32 |
| 8,444 | 1,655 | 806 | 509 | 3,329 | 9,490 | 2,789 | 722 | 34,259 | 3,645 | 37,005 | 112,603 | 33 |
| 2,005 | 464 | 312 | 129 | 840 | 2,632 | 553 | 129 | 6,431 | 1,055 | 10,778 | 25,124 | 34 |
| 6,266 | 1,114 | 404 | 330 | 2,358 | 6,434 | 1,887 | 569 | 26,927 | 2,146 | 22,319 | 80,009 | 35 |
| 151 | 61 | 23 | 42 | 80 | 204 | 72 | 20 | 738 | 84 | 1,433 | 2,004 | 36 |
| 22 | 16 | 7 | 8 | 51 | 220 | 277 | 4 | 163 | 357 | 2,535 | 2,466 | 37 |
| 96,951 | 19,805 | 8,295 | 7,037 | 45,201 | 103,755 | 32,248 | 10,655 | 401,265 | 40,141 | 509,333 | 1,466,458 | 38 |
| 37 | 952 | 114 | 315 | 111 | 245 | 483 | 187 | 53 | 204 | 58 | 176 | 39 |
| 373 | 25,790 | 878 | 8,689 | 1,218 | 1,854 | 2,879 | 986 | 498 | 1,598 | 518 | 1,445 | 40 |
| 2,501 | 7,382 | 569 | 6,718 | 16,228 | 9,107 | 4,601 | 1,545 | 10,335 | 6,395 | 31,014 | 28,651 | 41 |
| 1,689 | 4,410 | 383 | 4,191 | 6,369 | 4,808 | 2,914 | 935 | 5,155 | 4,017 | 13,201 | 14,644 | 42 |
| 364 | 1,150 | 104 | 1,080 | 2,960 | 1,979 | 728 | 305 | 1,457 | 1,001 | 4,937 | 4,376 | 43 |
| 43 | 139 | 10 | 157 | 288 | 159 | 108 | 57 | 130 | 124 | 406 | 614 | 44 |
| 405 | 1,683 | 66 | 1,290 | 6,622 | 2,221 | 841 | 248 | 3,593 | 1,253 | 12,470 | 9,117 | 45 |
| 45,860 | 144,046 | 11,610 | 139,424 | 311,124 | 176,733 | 85,976 | 29,993 | 184,513 | 123,905 | 584,699 | 554,472 | 46 |
| 25,662 | 125,229 | 9,000 | 163,438 | 217,387 | 83,168 | 76,680 | 9,984 | 86,697 | 278,806 | 184,651 | 227,588 | 47 |
| 1,472 | 1,297 | 83 | 1,388 | 3,430 | 1,561 | 1,050 | 405 | 2,569 | 1,745 | 5,155 | 8,227 | 48 |
| 32,437 | 163,321 | 11,722 | 231,800 | 226,796 | 78,545 | 98,783 | 11,127 | 99,188 | 471,590 | 167,320 | 268,035 | 49 |
| 140 | 3,350 | 89 | 3,107 | 1,491 | 576 | 1,870 | 420 | 2,071 | 4,013 | 879 | 10,429 | 50 |
| 748 | 19,952 | 563 | 17,406 | 6,591 | 4,503 | 10,405 | 3,064 | 16,397 | 23,588 | 5,374 | 63,849 | 51 |
| 824,234 | 11,064,954 | 337,519 | 11,985,258 | 5,472,999 | 3,423,665 | 2,582,613 | 1,687,395 | 1,752,167 | 12,053,438 | 3,021,801 | 5,775,984 | 52 |
| 39,965 | 10,115,835 | 55,657 | 9,866,699 | 1,978,372 | 403,004 | 1,027,921 | 81,188 | 290,796 | 9,208,116 | 304,588 | 849,247 | 53 |
| 32,780 | 39,671 | 8,869 | 57,673 | 70,265 | 45,180 | 81,474 | 14,287 | 22,255 | 118,689 | 57,576 | 45,821 | 54 |
| 164,806 | 20,975 | 23,740 | 336,504 | 181,284 | 416,776 | 221,028 | 505,671 | 202,168 | 408,380 | 156,159 | 832,266 | 55 |
| 55,756 | 90,739 | 28,700 | 194,307 | 591,900 | 356,282 | 137,343 | 20,675 | 186,239 | 115,523 | 398,884 | 456,536 | 56 |
| 10,358 | 29,503 | 10,808 | 35,801 | 285,450 | 130,212 | 65,863 | 1,985 | 62,905 | 48,370 | 133,629 | 104,056 | 57 |
| 1,005 | 367 | 436 | 24,006 | 4,910 | 140 | 1,764 | 1,764 | 37 | 751 | 6,543 | 58 | |
| 253,095 | 2,677,239 | 59,061 | 2,946,574 | 1,157,433 | 631,354 | 561,650 | 360,527 | 347,259 | 2,620,900 | 478,904 | 1,076,460 | 59 |
| 228,146 | 2,638,989 | 49,232 | 2,884,771 | 983,244 | 507,320 | 518,639 | 355,458 | 281,565 | 2,579,646 | 340,164 | 852,047 | 60 |
| 543 | 734 | 459 | 694 | 476 | 418 | 505 | 616 | 498 | 702 | 355 | 515 | 61 |
| 171,607 | 736,181 | 47,620 | 1,071,316 | 1,010,094 | 415,628 | 417,485 | 59,207 | 374,457 | 1,614,469 | 827,476 | 1,116,847 | 62 |
| 111,137 | 495,023 | 29,188 | 731,275 | 599,052 | 192,661 | 287,097 | 38,281 | 152,758 | 1,257,614 | 254,100 | 614,655 | 63 |
| 32,887 | 87,812 | 9,013 | 180,345 | 247,627 | 101,596 | 83,377 | 6,260 | 88,222 | 230,330 | 244,088 | 282,053 | 64 |
| 15,040 | 33,839 | 3,812 | 94,164 | 88,847 | 26,065 | 33,579 | 1,783 | 32,324 | 106,062 | 64,030 | 107,631 | 65 |
| 108,307 | 426,588 | 31,587 | 688,380 | 662,604 | 256,025 | 264,510 | 31,539 | 226,301 | 968,466 | 510,664 | 760,532 | 66 |
| 63,460 | 268,185 | 18,058 | 441,710 | 348,255 | 103,096 | 164,214 | 17,794 | 90,042 | 754,558 | 188,858 | 385,483 | 67 |
| 1,065 | 66,222 | 1,027 | 59,063 | 14,138 | 9,696 | 33,633 | 17,002 | 76,705 | 98,114 | 10,588 | 535,018 | 68 |
| 6 | 881 | 257 | 14,955 | 3,615 | 2,563 | 8,485 | 4,345 | 19,384 | 505 | 45 | 7,358 | 69 |
| 269 | 16,969 | ----- | ----- | ----- | ----- | ----- | 24,771 | 2,669 | 137,257 | 70 | 137,257 | 70 |
| 6,458 | 1,108 | 426 | 294 | 1,675 | 7,298 | 1,795 | 132 | 30,716 | 2,467 | 22,297 | 87,444 | 71 |
| 40,685 | 8,006 | 3,094 | 2,129 | 14,056 | 52,817 | 13,821 | 885 | 346,572 | 16,386 | 233,706 | 746,644 | 72 |
| 20,016 | 3,339 | 1,511 | 899 | 6,531 | 24,536 | 7,062 | 428 | 141,433 | 7,445 | 104,373 | 308,705 | 73 |

NOT ON FARMS OR RANGES: 1920—Continued.

| 43 | 851 | 30 | 1,294 | 1,330 | 486 | 475 | 39 | 680 | 930 | 736 | 950 | 1 |
|----|-------|----|-------|-------|-------|-----|-------|-------|-------|-------|-------|---|
| 23 | 412 | 43 | 782 | 1,734 | 954 | 327 | 6 | 771 | 455 | 981 | 1,609 | 2 |
| 1 | 7 | 22 | 172 | 23 | 23 | 19 | 35 | 4 | 71 | 64 | 64 | 3 |
| 44 | 1,074 | 53 | 2,008 | 3,146 | 1,146 | 736 | 58 | 1,096 | 1,522 | 1,034 | 3,462 | 5 |
| 37 | 797 | 32 | 1,267 | 1,116 | 410 | 521 | 46 | 670 | 1,108 | 721 | 860 | 6 |
| 22 | 33 | 39 | 36 | 955 | 53 | 28 | ----- | 4,014 | 175 | 232 | 429 | 7 |
| 1 | 10 | 8 | 61 | 7 | 23 | 20 | 325 | 82 | 17 | 10 | 10 | 8 |
| 24 | 977 | 8 | 1,494 | 1,613 | 206 | 519 | 20 | 784 | 424 | 559 | 559 | 9 |

AGRICULTURE—WASHINGTON.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

| | | THE STATE. | Adams. | Asotin. | Benton. | Chelan. | Clallam. | Clarke. | Columbia. |
|---|---------------------------------------|----------------------------|-------------|-----------|-----------|-----------|------------|-----------|-----------|
| VALUE OF ALL CROPS. | | | | | | | | | |
| 1 | Total..... | dollars.. | 227,212,008 | 9,472,430 | 2,303,478 | 5,784,280 | 13,340,739 | 1,044,133 | 4,293,064 |
| 2 | Cereals..... | dollars.. | 104,886,261 | 8,631,283 | 1,611,392 | 806,260 | 136,850 | 248,549 | 619,390 |
| 3 | Other grains and seeds..... | dollars.. | 3,390,678 | 103 | 5,905 | 7,035 | 370 | 66,593 | 9,889 |
| 4 | Hay and forage..... | dollars.. | 47,717,065 | 770,525 | 376,054 | 1,657,305 | 584,902 | 470,158 | 1,550,592 |
| 5 | Vegetables..... | dollars.. | 18,322,982 | 55,070 | 89,665 | 252,293 | 204,161 | 182,049 | 888,917 |
| 6 | Fruits and nuts..... | dollars.. | 51,662,307 | 15,440 | 219,832 | 3,061,387 | 12,414,437 | 75,454 | 1,215,276 |
| 7 | All other crops..... | dollars.. | 1,232,715 | 3 | | | 19 | | 274 |
| SELECTED CROPS (acres harvested and production). | | | | | | | | | |
| 8 | Cereals: | | | | | | | | |
| 9 | Total..... | acres.. | 2,850,910 | 314,451 | 39,378 | 51,238 | 6,355 | 3,654 | 14,192 |
| 10 | Corn..... | bushels.. | 53,320,502 | 3,934,177 | 701,071 | 387,036 | 68,180 | 148,374 | 481,454 |
| 11 | | acres.. | 34,799 | 809 | 292 | 1,456 | 1,723 | 22 | 615 |
| 12 | Oats..... | bushels.. | 901,905 | 9,766 | 5,154 | 59,031 | 26,246 | 605 | 14,041 |
| 13 | | acres.. | 191,673 | 1,554 | 452 | 40 | 179 | 1,219 | 32,045 |
| 14 | Wheat..... | bushels.. | 8,073,481 | 20,638 | 6,204 | 1,105 | 1,372 | 55,025 | 348,250 |
| 15 | | acres.. | 2,494,160 | 308,821 | 36,104 | 38,220 | 4,425 | 2,009 | 3,943 |
| 16 | Barley..... | bushels.. | 41,837,909 | 3,010,240 | 693,142 | 269,282 | 40,267 | 78,513 | 95,922 |
| 17 | | acres.. | 84,588 | 1,768 | 2,529 | 375 | 24 | 239 | 2,342,964 |
| 18 | Rye..... | bushels.. | 2,249,856 | 36,490 | 56,553 | 6,582 | 275 | 8,755 | 5,983 |
| 19 | | acres.. | 41,677 | 1,452 | | | 4 | 27 | 190 |
| 20 | Mixed crops..... | bushels.. | 229,633 | 6,873 | | 50,631 | 20 | 456 | 4,608 |
| 21 | | acres.. | 3,657 | 17 | | 10 | | 138 | 310 |
| 22 | Other grains and seeds: | | | | | | | | |
| 23 | Dry edible beans..... | acres.. | 1,733 | 107 | 65 | 14 | 12 | 40 | 6 |
| 24 | | bushels.. | 17,683 | 4 | 1,071 | 1,575 | 88 | 151 | 618 |
| 25 | Dry peas..... | acres.. | 30,832 | 5 | 2 | | | 973 | 10 |
| | | bushels.. | 442,620 | 30 | 5 | | | 21,626 | 58 |
| | | | | | | | | 253 | 411 |
| 26 | Hay and forage: | | | | | | | | |
| 27 | Total..... | acres.. | 1,064,130 | 35,428 | 10,960 | 25,476 | 18,770 | 8,210 | 30,574 |
| 28 | | tons.. | 2,013,913 | 28,726 | 14,608 | 70,375 | 24,924 | 20,457 | 72,401 |
| 29 | All tame or cultivated grasses..... | acres.. | 494,323 | 2,200 | 2,381 | 17,221 | 11,611 | 6,214 | 15,590 |
| 30 | | tons.. | 1,160,646 | 4,257 | 4,071 | 62,513 | 18,800 | 13,890 | 33,206 |
| 31 | Timothy alone..... | acres.. | 50,536 | 405 | 596 | 77 | 715 | 240 | 1,290 |
| 32 | | tons.. | 79,269 | 801 | 442 | 216 | 1,065 | 442 | 2,473 |
| 33 | Timothy and clover mixed..... | acres.. | 145,242 | 400 | 47 | 10 | 439 | 4,414 | 9,040 |
| 34 | | tons.. | 306,480 | 400 | 39 | 14 | 725 | 9,211 | 19,449 |
| 35 | Clover alone..... | acres.. | 17,765 | ----- | 7 | 23 | 26 | 348 | 2,579 |
| 36 | | tons.. | 37,103 | ----- | 12 | 70 | 83 | 822 | 5,762 |
| 37 | Alfalfa..... | acres.. | 228,787 | 978 | 1,729 | 17,100 | 10,418 | 403 | 323 |
| 38 | | tons.. | 655,876 | 2,675 | 3,576 | 62,193 | 16,807 | 1,212 | 1,360 |
| 39 | Other tame or cultivated grasses..... | acres.. | 51,953 | 417 | 2 | 11 | 13 | 809 | 2,358 |
| | | tons.. | 90,913 | 381 | 2 | 20 | 20 | 2,203 | 4,162 |
| 40 | Wild, salt, or prairie grasses..... | acres.. | 30,055 | 371 | | 125 | 128 | 73 | 2,799 |
| 41 | | tons.. | 33,179 | 509 | | 215 | 172 | 110 | 3,829 |
| 42 | Small grains cut for hay..... | acres.. | 477,081 | 32,230 | 7,979 | 7,449 | 4,187 | 1,511 | 8,036 |
| 43 | | tons.. | 536,868 | 23,573 | 9,481 | 3,880 | 3,137 | 3,011 | 13,976 |
| 44 | Annual legumes cut for hay..... | acres.. | 1,412 | 477 | 60 | 28 | 27 | 60 | 412 |
| 45 | | tons.. | 10,727 | 189 | 78 | 112 | 11 | 133 | 1,015 |
| 46 | Silage crops..... | acres.. | 22,540 | ----- | | 317 | | 266 | 2,419 |
| 47 | | tons.. | 154,832 | ----- | | 2,863 | | 2,132 | 13,734 |
| 48 | Corn cut for forage..... | acres.. | 24,725 | 148 | 519 | 297 | 2,752 | 4 | 773 |
| 49 | | tons.. | 40,740 | 230 | 847 | 660 | 2,691 | 7 | 2,469 |
| 50 | Kafir, sorghum, etc., for forage..... | acres.. | 620 | ----- | | 28 | 31 | | 35 |
| 51 | | tons.. | 1,334 | ----- | | 48 | 17 | | 81 |
| 52 | Root crops for forage..... | acres.. | 7,374 | 2 | 18 | 10 | 34 | 82 | 510 |
| 53 | | tons.. | 66,587 | 18 | 181 | 75 | 96 | 1,174 | 4,091 |
| | | | 55,132 | 565 | 272 | 606 | 649 | 561 | 236 |
| 54 | Potatoes (Irish or white)..... | acres.. | 8,866,710 | 15,888 | 13,990 | 81,492 | 35,302 | 61,342 | 326,552 |
| 55 | | bushels.. | 9,460 | 12 | 134 | 166 | 152 | 31 | 14,421 |
| 56 | Other vegetables..... | acres.. | | | | | | | 23 |
| FRUITS AND NUTS. | | | | | | | | | |
| 57 | Small fruits: | | | | | | | | |
| 58 | Total..... | acres.. | 7,434 | 1 | 55 | 150 | 55 | 43 | 231 |
| 59 | | quarts.. | 16,884,745 | 2,149 | 85,195 | 244,423 | 84,737 | 80,884 | 282,837 |
| 60 | Strawberries..... | acres.. | 3,087 | 1 | 80 | 138 | 25 | 14 | 172 |
| 61 | | quarts.. | 6,377,308 | 1,164 | 44,253 | 225,299 | 44,495 | 30,775 | 226,464 |
| 62 | Raspberries..... | acres.. | 1,786 | ----- | 10 | 5 | 17 | 7 | 14 |
| 63 | | quarts.. | 4,599,678 | 350 | 11,261 | 9,068 | 25,401 | 5,824 | 18,708 |
| 64 | Blackberries and dewberries..... | acres.. | 1,403 | ----- | 14 | 5 | 6 | 2 | 16 |
| 65 | | quarts.. | 3,601,065 | 148 | 28,523 | 4,574 | 10,128 | 1,607 | 14,421 |
| 66 | Loganberries..... | acres.. | 546 | ----- | | 2 | 19 | 17 | 2 |
| | | quarts.. | 1,157,778 | 70 | 172 | 7 | 958 | 42,401 | 18,627 |
| 67 | Orchard fruits: | | | | | | | | |
| 68 | Total..... | trees not of bearing age.. | 1,384,919 | 1,305 | 3,742 | 43,593 | 213,295 | 3,591 | 204,065 |
| 69 | | trees of bearing age.. | 10,732,778 | 20,713 | 57,850 | 588,699 | 1,697,434 | 20,678 | 642,182 |
| 70 | | bushels harvested.. | 25,957,797 | 7,003 | 82,763 | 1,591,658 | 6,818,068 | 31,458 | 588,593 |
| 71 | Apples..... | trees not of bearing age.. | 755,898 | 886 | 749 | 25,666 | 166,755 | 2,311 | 15,538 |
| 72 | | trees of bearing age.. | 7,964,167 | 16,512 | 25,979 | 395,139 | 1,502,182 | 15,605 | 100,794 |
| 73 | | bushels harvested.. | 21,568,691 | 5,615 | 25,968 | 1,290,696 | 6,300,380 | 20,204 | 163,627 |
| 74 | Peaches..... | trees not of bearing age.. | 50,254 | 42 | 1,101 | 1,770 | 3,036 | 45 | 1,663 |
| 75 | | trees of bearing age.. | 649,085 | 549 | 14,206 | 76,101 | 64,108 | 79 | 6,868 |
| 76 | | bushels harvested.. | 1,544,589 | 475 | 29,915 | 154,091 | 179,599 | 17 | 4,802 |
| 77 | Pears..... | trees not of bearing age.. | 183,346 | 115 | 170 | 2,579 | 23,542 | 296 | 4,691 |
| 78 | | trees of bearing age.. | 866,634 | 1,618 | 2,174 | 68,786 | 75,807 | 1,387 | 17,016 |
| 79 | | bushels harvested.. | 1,728,759 | 864 | 5,241 | 114,519 | 251,594 | 1,899 | 16,070 |
| 80 | Plums and prunes..... | trees not of bearing age.. | 309,230 | 91 | 223 | 6,722 | 8,250 | 455 | 1,563 |
| 81 | | trees of bearing age.. | 875,363 | 919 | 1,240 | 10,634 | 11,642 | 2,125 | 507,762 |
| 82 | | bushels harvested.. | 785,020 | 286 | 2,803 | 18,334 | 26,933 | 2,098 | 394,912 |
| 83 | Cherries..... | trees not of bearing age.. | 72,976 | 156 | 1,394 | 5,521 | 3,490 | 483 | 2,280 |
| 84 | | trees of bearing age.. | 329,187 | 1,019 | 13,578 | 17,594 | 23,693 | 1,374 | 10,235 |
| 85 | Apricots..... | bushels harvested.. | 249,226 | 389 | 16,775 | 10,823 | 23,623 | 1,239 | 9,180 |
| 86 | | trees not of bearing age.. | 13,000 | 15 | 15 | 1,334 | 5,222 | 1 | 12 |
| 87 | | trees of bearing age.. | 47,608 | 96 | 673 | 1,421 | 10,689 | 3 | 60 |
| | | bushels harvested.. | 72,908 | 64 | 2,061 | 3,173 | 35,926 | 1 | 69 |
| 88 | Grapes..... | vines not of bearing age.. | 78,861 | 18 | 138 | 5,050 | 2,135 | 3 | 1,836 |
| 89 | | vines of bearing age.. | 467,761 | 99 | 4,500 | 99,872 | 16,060 | | 413 |
| 90 | | pounds harvested.. | 3,961,036 | 2,045 | 57,625 | 849,674 | 141,345 | 22,554 | 1,817 |
| | | | | | | | | 86,947 | 11,840 |
| 91 | Nuts..... | trees not of bearing age.. | 19,315 | ----- | 259 | 391 | 1,965 | 11,278 | 8 |
| 92 | | trees of bearing age.. | 13,053 | 5 | 458 | 1,050 | 1,341 | 4,227 | 10 |
| 93 | | pounds harvested.. | 109,178 | 10 | 10,196 | 4,670 | 19,668 | 36,244 | 155 |

AGRICULTURE—WASHINGTON.

73

AND PRODUCTION OF PRINCIPAL CROPS: 1919

AGRICULTURE—WASHINGTON.

COUNTY TABLE IV.—VALUE OF ALL CROPS, AND ACREAGE

| | | Klickitat. | Lewis. | Lincoln. | Mason. | Okanogan. | Pacific. | Pend Oreille. | Pierce. |
|---|---------------------------------------|----------------------------|-----------|-----------|------------|-----------|-----------|---------------|-----------|
| VALUE OF ALL CROPS. | | | | | | | | | |
| 1 | Total..... | dollars.. | 4,499,402 | 3,909,882 | 15,909,355 | 370,752 | 5,814,824 | 524,373 | 404,433 |
| 2 | Cereals..... | dollars.. | 2,531,589 | 999,636 | 18,512,679 | 44,375 | 812,366 | 7,632 | 51,063 |
| 3 | Other grains and seeds..... | dollars.. | 5,392 | 53,762 | 2,734 | 1,338 | 1,530 | 202 | 393 |
| 4 | Hay and forage..... | dollars.. | 1,049,064 | 1,784,206 | 1,795,889 | 192,860 | 2,133,416 | 287,169 | 240,274 |
| 5 | Vegetables..... | dollars.. | 132,136 | 705,847 | 319,595 | 84,355 | 319,813 | 89,490 | 743,211 |
| 6 | Fruits and nuts..... | dollars.. | 780,311 | 328,246 | 278,458 | 53,824 | 2,540,784 | 139,880 | 84,306 |
| 7 | All other crops..... | dollars.. | 8,385 | ..... | ..... | 315 | ..... | 21,707 | 1,073,577 |
| SELECTED CROPS (acres harvested and production). | | | | | | | | | |
| 8 | Cereals: | | | | | | | | |
| 9 | Total..... | acres.. | 78,629 | 20,481 | 429,840 | 1,105 | 54,221 | 144 | 3,787 |
| 10 | | bushels.. | 1,207,748 | 803,074 | 6,452,747 | 30,019 | 409,839 | 7,121 | 37,347 |
| 11 | Corn..... | acres.. | 214 | 77 | 785 | 26 | 2,861 | ..... | 190 |
| 12 | | bushels.. | 3,405 | 1,353 | 10,002 | 1,288 | 34,897 | ..... | 5,242 |
| 13 | Oats..... | acres.. | 1,755 | 13,544 | 9,900 | 678 | 3,103 | 128 | 1,790 |
| 14 | | bushels.. | 55,873 | 611,755 | 298,110 | 26,578 | 43,520 | 6,677 | 24,986 |
| 15 | Wheat..... | acres.. | 71,856 | 5,403 | 404,732 | 188 | 44,356 | 12 | 1,841 |
| 16 | | bushels.. | 1,094,698 | 145,158 | 5,843,747 | 4,627 | 300,802 | 372 | 11,042 |
| 17 | Barley..... | acres.. | 2,840 | 861 | 12,503 | 33 | 1,653 | 72 | 82 |
| 18 | | bushels.. | 46,992 | 30,321 | 233,704 | 581 | 20,307 | ..... | 212 |
| 19 | Rye..... | acres.. | 1,856 | 178 | 1,326 | 15 | 2,236 | 4 | 65 |
| 20 | | bushels.. | 5,056 | 3,529 | 11,807 | 202 | 8,903 | 72 | 195 |
| 21 | Mixed crops..... | acres.. | 108 | 350 | 276 | 165 | 12 | ..... | 2,566 |
| | | bushels.. | 1,844 | 10,909 | 5,375 | 2,743 | 320 | ..... | 31 |
| | Other grains and seeds: | | | | | | | | 783 |
| 22 | Dry edible beans..... | acres.. | 10 | 8 | 40 | 20 | 22 | ..... | 8 |
| 23 | | bushels.. | 72 | 89 | 413 | 218 | 298 | ..... | 62 |
| 24 | Dry peas..... | acres.. | ..... | 27 | 51 | 8 | 4 | 3 | 61 |
| 25 | | bushels.. | ..... | 630 | 308 | 106 | 40 | 57 | 105 |
| 26 | Hay and forage: | | | | | | | | |
| 27 | Total..... | acres.. | 27,773 | 33,772 | 50,931 | 3,072 | 79,286 | 5,508 | 13,629 |
| 28 | | tons.. | 40,265 | 76,177 | 67,316 | 8,437 | 90,681 | 12,555 | 10,204 |
| 29 | All tame or cultivated grasses..... | acres.. | 7,885 | 17,202 | 5,925 | 2,266 | 24,448 | 3,266 | 6,557 |
| 30 | | tons.. | 11,018 | 35,279 | 8,591 | 4,204 | 50,872 | 6,540 | 4,608 |
| 31 | Timothy alone..... | acres.. | 1,250 | 1,397 | 1,880 | 83 | 2,114 | 180 | 2,475 |
| 32 | | tons.. | 1,473 | 2,843 | 3,112 | 146 | 2,353 | 239 | 420 |
| 33 | Timothy and clover mixed..... | acres.. | 1,343 | 10,388 | 1,154 | 1,312 | 2,506 | 1,230 | 3,203 |
| 34 | | tons.. | 2,289 | 22,539 | 1,407 | 2,522 | 3,516 | 2,592 | 5,026 |
| 35 | Clover alone..... | acres.. | 500 | 2,004 | 15 | 180 | 176 | 224 | 521 |
| 36 | | tons.. | 1,004 | 4,180 | 30 | 350 | 298 | 500 | 998 |
| 37 | All alfalfa..... | acres.. | 4,469 | 81 | 2,153 | 12 | 18,114 | ..... | 108 |
| 38 | | tons.. | 6,088 | 126 | 3,922 | 12 | 43,004 | ..... | 18 |
| 39 | Other tame or cultivated grasses..... | acres.. | 197 | 3,332 | 723 | 679 | 1,538 | 1,632 | 445 |
| | | tons.. | 164 | 5,591 | 120 | 1,174 | 1,611 | 8,189 | 2,851 |
| 40 | Wild, salt, or prairie grasses..... | acres.. | 992 | 636 | 1,388 | 250 | 5,479 | 666 | 4,160 |
| 41 | | tons.. | 1,324 | 987 | 1,635 | 278 | 4,734 | 973 | 2,846 |
| 42 | Small grains cut for hay..... | acres.. | 18,344 | 13,441 | 48,073 | 1,093 | 42,281 | 1,417 | 2,806 |
| 43 | | tons.. | 26,647 | 24,058 | 54,696 | 1,732 | 23,592 | 3,049 | 4,213 |
| 44 | Annual legumes cut for hay..... | acres.. | 72 | 534 | 130 | 185 | 278 | 19 | 199 |
| 45 | | tons.. | 100 | 1,148 | 244 | 290 | 117 | 38 | 382 |
| 46 | Silage crops..... | acres.. | 119 | 1,060 | 206 | 71 | 1,760 | 111 | 49 |
| 47 | | tons.. | 626 | 8,045 | 559 | 649 | 4,941 | 748 | 710 |
| 48 | Corn cut for forage..... | acres.. | 323 | 249 | 1,164 | 8 | 4,064 | 8 | 5 |
| 49 | | tons.. | 437 | 1,081 | 1,208 | 42 | 3,579 | 16 | 414 |
| 50 | Kafir, sorghum, etc., for forage..... | acres.. | 4 | 53 | 4 | ..... | 37 | ..... | 9 |
| 51 | | tons.. | 6 | 63 | 3 | ..... | 77 | ..... | 34 |
| 52 | Root crops for forage..... | acres.. | 34 | 597 | 91 | 99 | 939 | 111 | 30 |
| 53 | | tons.. | 107 | 5,516 | 380 | 1,242 | 2,760 | 1,191 | 178 |
| 54 | Vegetables: | | | | | | | | |
| 55 | Potatoes (Irish or white)..... | acres.. | 892 | 2,033 | 1,553 | 217 | 1,459 | 228 | 425 |
| 56 | | bushels.. | 22,517 | 205,816 | 77,462 | 19,729 | 79,970 | 24,412 | 26,705 |
| | Other vegetables..... | acres.. | 109 | 139 | 144 | 22 | 87 | 48 | 2 |
| FRUITS AND NUTS. | | | | | | | | | |
| 57 | Small fruits: | | | | | | | | |
| 58 | Total..... | acres.. | 189 | 312 | 45 | 36 | 74 | 416 | 20 |
| 59 | | quarts.. | 159,633 | 323,450 | 42,176 | 35,674 | 69,146 | 711,379 | 13,587 |
| 60 | Strawberries..... | acres.. | 158 | 141 | 15 | 11 | 23 | 17 | 13 |
| 61 | | quarts.. | 132,747 | 158,332 | 24,990 | 9,833 | 32,561 | 35,831 | 1,278,057 |
| 62 | Raspberries..... | acres.. | 14 | 38 | 20 | 5 | 28 | 11 | 4 |
| 63 | | quarts.. | 8,133 | 33,808 | 8,959 | 3,408 | 18,642 | 8,734 | 2,839 |
| 64 | Blackberries and dewberries..... | acres.. | 10 | 63 | 7 | 15 | 7 | 75 | 594 |
| 65 | | quarts.. | 7,556 | 71,482 | 5,518 | 17,455 | 4,872 | 63,330 | 2,567,767 |
| 66 | Loganberries..... | acres.. | 5 | 63 | 1 | 4 | 2 | 5 | 55 |
| | | quarts.. | 8,740 | 54,853 | 674 | 3,015 | 1,143 | 15,151 | 191,266 |
| 67 | Orchard fruits: | | | | | | | | |
| 68 | Total..... | trees not of bearing age.. | 40,102 | 16,617 | 7,528 | 3,349 | 55,208 | 2,803 | 4,099 |
| 69 | | trees of bearing age.. | 295,582 | 122,387 | 93,483 | 21,557 | 589,161 | 11,177 | 12,193 |
| 70 | Apples..... | bushels harvested.. | 399,000 | 139,737 | 137,103 | 22,681 | 1,396,546 | 15,197 | 10,241 |
| 71 | | trees not of bearing age.. | 27,777 | 10,611 | 3,274 | 2,137 | 45,358 | 1,839 | 2,986 |
| 72 | | trees of bearing age.. | 236,602 | 79,815 | 54,737 | 16,522 | 562,967 | 8,382 | 207,882 |
| 73 | Peaches..... | bushels harvested.. | 342,006 | 112,516 | 76,598 | 19,145 | 1,354,540 | 13,850 | 9,185 |
| 74 | | trees not of bearing age.. | 2,495 | 660 | 1,720 | 91 | 1,156 | 6 | 377 |
| 75 | | trees of bearing age.. | 17,944 | 1,080 | 22,031 | 61 | 9,112 | 10 | 132 |
| 76 | Pears..... | bushels harvested.. | 17,683 | 393 | 33,950 | 14 | 21,121 | ..... | 764 |
| 77 | | trees not of bearing age.. | 6,238 | 345 | 1,689 | 519 | 5,738 | 299 | 2,845 |
| 78 | | trees of bearing age.. | 23,532 | 10,915 | 7,860 | 1,691 | 8,322 | 957 | 565 |
| 79 | Plums and prunes..... | trees not of bearing age.. | 14,513 | 6,849 | 18,358 | 2,011 | 12,239 | 566 | 404 |
| 80 | | trees of bearing age.. | 1,297 | 2,535 | 344 | 335 | 1,082 | 423 | 1,827 |
| 81 | | bushels harvested.. | 2,547 | 21,969 | 4,182 | 2,642 | 2,906 | 1,366 | 14,345 |
| 82 | Cherries..... | trees not of bearing age.. | 3,062 | 18,673 | 4,968 | 1,341 | 3,063 | 681 | 450 |
| 83 | | trees of bearing age.. | 2,078 | 2,425 | 457 | 267 | 1,056 | 236 | 11,321 |
| 84 | | bushels harvested.. | 5,052 | 9,030 | 4,489 | 1,041 | 5,279 | 462 | 410 |
| 85 | Apricots..... | trees not of bearing age.. | 2,875 | 3,321 | 2,864 | 170 | 3,866 | 100 | 16,934 |
| 86 | | trees of bearing age.. | 217 | 24 | 44 | ..... | 823 | ..... | 5 |
| 87 | | bushels harvested.. | 9,905 | 5 | 181 | ..... | 575 | ..... | 6 |
| | Grapes..... | vines not of bearing age.. | 1,279 | 237 | 29 | 4,828 | 1,332 | 8 | 15 |
| 89 | | vines of bearing age.. | 17,564 | 403 | 19,756 | 10,003 | 4,048 | 8 | 15 |
| 90 | | pounds harvested.. | 139,179 | 3,597 | 61,650 | 70,160 | 40,031 | 5 | 1,000 |
| 91 | Nuts..... | trees not of bearing age.. | 477 | 336 | ..... | ..... | 34 | 5 | 173 |
| 92 | | trees of bearing age.. | 2,017 | 161 | ..... | ..... | 4 | 1 | 76 |
| 93 | | pounds harvested.. | 11,069 | 1,130 | ..... | ..... | 1 | ..... | 458 |

AGRICULTURE—WASHINGTON.

75

AND PRODUCTION OF PRINCIPAL CROPS: 1919—Continued.

| San Juan. | Skagit. | Skamania. | Snohomish. | Spokane. | Stevens. | Thurston. | Wahkiakum. | Walla Walla. | Whatcom. | Whitman. | Yakima. |
|-----------|-----------|-----------|------------|------------|-----------|-----------|------------|--------------|------------|------------|------------|
| 719,604 | 7,281,210 | 323,331 | 3,088,460 | 15,801,713 | 3,951,664 | 1,407,051 | 336,879 | 15,806,849 | 3,944,843 | 30,824,407 | 32,458,655 |
| 219,659 | 2,136,116 | 21,046 | 390,474 | 7,368,937 | 1,049,395 | 258,802 | 2,193 | 12,126,529 | 664,511 | 26,952,552 | 3,115,410 |
| 70,086 | 1,704,959 | 8 | 7,885 | 678,064 | 6,815 | 9,593 | 1,240 | 267,942 | 152,536 | 158,754 | 3,444 |
| 241,646 | 1,838,445 | 108,055 | 1,581,730 | 2,226,433 | 1,877,228 | 650,501 | 244,213 | 1,976,977 | 1,942,241 | 2,820,278 | 8,897,715 |
| 92,096 | 1,381,351 | 59,918 | 740,085 | 1,088,974 | 509,291 | 287,022 | 71,156 | 527,460 | 686,136 | 541,344 | 3,665,229 |
| 96,417 | 220,333 | 134,304 | 368,345 | 3,530,289 | 508,779 | 251,133 | 19,317 | 1,139,914 | 384,013 | 357,647 | 15,735,512 |
| | 15 | | | 16 | 156 | | | 34,729 | | | 886,038 |
| 4,908 | 23,903 | 551 | 4,929 | 193,006 | 33,212 | 7,675 | 40 | 206,395 | 15,012 | 544,283 | 68,928 |
| 143,499 | 2,044,176 | 17,900 | 360,588 | 3,793,173 | 595,895 | 207,323 | 2,193 | 5,634,461 | 13,355,983 | 1,636,165 | 9,909 |
| 72 | 119 | 98 | 36 | 1,805 | 3,044 | 110 | | 1,424 | 48 | 1,062 | 12,635 |
| 1,525 | 3,107 | 3,136 | 1,304 | 28,007 | 61,515 | 1,706 | | 47,331 | 1,446 | 41,551 | 408,351 |
| 1,836 | 21,212 | 418 | 4,041 | 26,754 | 6,482 | 4,969 | 40 | 290 | 11,338 | 38,744 | 2,972 |
| 70,692 | 1,947,248 | 14,039 | 329,530 | 702,589 | 180,117 | 156,539 | 2,193 | 6,251 | 497,966 | 1,480,125 | 123,552 |
| 2,336 | 1,892 | 15 | 588 | 159,427 | 22,294 | 1,378 | | 197,452 | 2,134 | 482,443 | 45,521 |
| 57,380 | 62,358 | 206 | 20,106 | 2,963,510 | 328,288 | 28,982 | | 5,382,796 | 43,100 | 11,230,528 | 850,822 |
| 97 | 550 | 2 | 196 | 3,483 | 795 | 180 | | 6,078 | 852 | 18,833 | 5,898 |
| 2,074 | 28,148 | 48 | 6,904 | 84,907 | 15,809 | 5,740 | | 189,913 | 29,831 | 579,086 | 184,657 |
| 40 | 10 | 13 | 23 | 1,417 | 463 | 927 | | 1,076 | 222 | 1,016 | 1,864 |
| 461 | 187 | 186 | 446 | 12,901 | 7,461 | 11,612 | | 6,882 | 2,453 | 18,043 | 7,743 |
| 522 | 110 | 5 | 45 | 47 | 85 | 106 | | 42 | 408 | 301 | 38 |
| 11,267 | 2,970 | 225 | 2,049 | 290 | 2,030 | 2,556 | | 1,220 | 13,321 | 5,535 | 1,032 |
| 45 | 20 | | 30 | 713 | 70 | 10 | | 14 | 25 | 70 | 237 |
| 353 | 264 | 2 | 296 | 4,325 | 701 | 119 | | 82 | 272 | 807 | 3,563 |
| 1,496 | 589 | | 45 | 17,636 | 78 | 67 | | | 2,981 | 5,490 | 18 |
| 22,191 | 15,601 | | 1,161 | 216,322 | 646 | 1,827 | | | 82,472 | 47,063 | 130 |
| 4,998 | 24,155 | 2,510 | 25,493 | 66,418 | 58,556 | 15,355 | 3,513 | 31,535 | 34,101 | 63,710 | 110,560 |
| 10,357 | 81,596 | 4,407 | 76,146 | 90,373 | 77,310 | 27,801 | 10,626 | 81,402 | 86,828 | 107,093 | 380,263 |
| 3,595 | 19,501 | 1,050 | 17,207 | 16,543 | 36,726 | 8,211 | 2,631 | 16,352 | 26,385 | 15,502 | 98,218 |
| 6,725 | 54,535 | 2,892 | 38,100 | 19,776 | 51,041 | 14,644 | 6,571 | 51,998 | 57,106 | 24,783 | 348,039 |
| 169 | 1,809 | 128 | 811 | 4,660 | 9,714 | 308 | 30 | 85 | 3,157 | 3,913 | 1,197 |
| 334 | 5,623 | 297 | 1,679 | 4,933 | 11,787 | 593 | 79 | 115 | 7,302 | 5,744 | 2,667 |
| 3,003 | 16,710 | 817 | 14,360 | 1,997 | 5,363 | 4,914 | 1,440 | 160 | 21,471 | 940 | 560 |
| 5,759 | 46,010 | 1,293 | 32,172 | 2,104 | 6,813 | 9,163 | 3,914 | 270 | 45,988 | 1,542 | 1,693 |
| 110 | 795 | 310 | 978 | 471 | 426 | 872 | 290 | 66 | 740 | 1,329 | 34 |
| 186 | 2,208 | 644 | 2,146 | 923 | 631 | 1,611 | 741 | 92 | 1,574 | 308 | 2,220 |
| 30 | 27 | 105 | 31 | 4,227 | 19,777 | 18 | 25 | 15,927 | 78 | 10,008 | 94,493 |
| 73 | 64 | 225 | 98 | 7,059 | 28,742 | 42 | 76 | 51,273 | 238 | 16,688 | 340,103 |
| 283 | 250 | 290 | 1,027 | 5,188 | 1,446 | 2,101 | 846 | 114 | 939 | 421 | 610 |
| 373 | 630 | 503 | 2,005 | 4,757 | 2,088 | 3,235 | 1,761 | 242 | 2,004 | 501 | 1,350 |
| 43 | 58 | 165 | 305 | 1,526 | 1,116 | 1,178 | 138 | 62 | 236 | 784 | 1,193 |
| 43 | 68 | 213 | 535 | 1,562 | 1,081 | 1,400 | 244 | 40 | 412 | 920 | 1,483 |
| 893 | 2,266 | 536 | 4,664 | 42,082 | 16,051 | 5,018 | 549 | 13,827 | 4,693 | 45,014 | 8,114 |
| 1,553 | 5,121 | 1,056 | 10,018 | 54,473 | 15,765 | 7,598 | 1,540 | 23,634 | 8,228 | 76,479 | 9,059 |
| 281 | 112 | 28 | 119 | 316 | 327 | 171 | 42 | 206 | 98 | 702 | 103 |
| 575 | 294 | 51 | 243 | 573 | 357 | 374 | 143 | 404 | 245 | 773 | 250 |
| 153 | 1,366 | 37 | 2,398 | 1,114 | 1,115 | 497 | 67 | 410 | 2,081 | 521 | 1,768 |
| 1,101 | 12,168 | 157 | 21,081 | 4,142 | 3,907 | 1,939 | 557 | 2,723 | 15,779 | 2,024 | 17,273 |
| 9 | 279 | 30 | 203 | 4,255 | 2,781 | 114 | | | 545 | 240 | 1,098 |
| 30 | 679 | 62 | 612 | 7,025 | 3,571 | 443 | 4 | 1,952 | 1,005 | 1,664 | 3,285 |
| | 7 | 4 | 57 | 66 | 65 | 4 | | 7 | 18 | 2 | 100 |
| 21 | 32 | 4 | 76 | 202 | 89 | 11 | | 8 | 59 | 3 | 319 |
| 330 | 476 | 10 | 480 | 516 | 375 | 162 | 88 | 128 | 350 | 87 | 73 |
| | 8,700 | 62 | 5,481 | 2,615 | 1,499 | 1,392 | 1,507 | 643 | 3,989 | 447 | 566 |
| 238 | 2,558 | 189 | 1,772 | 9,850 | 2,014 | 1,041 | 142 | 621 | 1,449 | 2,557 | 7,393 |
| 18,166 | 570,919 | 19,405 | 246,523 | 674,207 | 153,625 | 93,356 | 20,055 | 71,006 | 201,674 | 153,906 | 1,514,743 |
| 184 | 41 | 3 | 208 | 1,632 | 193 | 71 | | 669 | 178 | 112 | 1,661 |
| 27 | 130 | 51 | 304 | 426 | 82 | 305 | 25 | 92 | 255 | 151 | 120 |
| 41,730 | 235,854 | 54,250 | 621,891 | 586,343 | 63,855 | 446,574 | 11,652 | 159,302 | 554,202 | 118,835 | 192,726 |
| 10 | 71 | 47 | 125 | 304 | 37 | 146 | 8 | 36 | 50 | 13 | 59 |
| 11,684 | 191,992 | 50,604 | 256,381 | 473,910 | 32,240 | 138,093 | 5,794 | 98,991 | 83,100 | 4,436 | 122,828 |
| 2 | 22 | 1 | 87 | 44 | 24 | 73 | 9 | 34 | 144 | 10 | 42 |
| 2,632 | 50,690 | 937 | 152,657 | 43,730 | 18,768 | 103,340 | 3,022 | 28,358 | 359,121 | 15,556 | 48,694 |
| 9 | 20 | 1 | 68 | 28 | 10 | 19 | 6 | 14 | 19 | 42 | 14 |
| 6,994 | 21,813 | 1,004 | 173,648 | 24,705 | 9,136 | 23,518 | 1,414 | 17,835 | 25,452 | 42,080 | 17,020 |
| 6 | 8 | 2 | 8 | 4 | 2 | 57 | 1 | 4 | 34 | 66 | 65 |
| 20,292 | 15,605 | 1,415 | 12,269 | 8,820 | 1,680 | 151,547 | 897 | 4,089 | 76,145 | 43,426 | 390 |
| 5,577 | 10,382 | 14,304 | 30,654 | 98,816 | 20,990 | 14,526 | 1,317 | 50,880 | 23,355 | 19,970 | 281,926 |
| 66,873 | 61,631 | 41,883 | 93,341 | 1,227,498 | 237,746 | 66,601 | 6,731 | 202,759 | 118,107 | 217,161 | 2,795,578 |
| 48,015 | 81,176 | 65,141 | 123,977 | 1,860,421 | 262,418 | 81,318 | 9,037 | 591,730 | 130,429 | 167,447 | 8,429,367 |
| 1,363 | 5,918 | 4,846 | 8,948 | 89,273 | 17,691 | 5,178 | 599 | 12,913 | 11,933 | 6,140 | 144,885 |
| 49,874 | 39,718 | 26,889 | 59,542 | 1,118,814 | 195,369 | 38,870 | 4,787 | 153,302 | 71,517 | 124,139 | 1,907,642 |
| 37,913 | 61,476 | 51,409 | 98,609 | 1,771,581 | 223,249 | 63,718 | 7,552 | 505,653 | 91,645 | 88,029 | 6,249,950 |
| 6 | 180 | 140 | 411 | 1,373 | 1,170 | 359 | 43 | 2,107 | 546 | 2,070 | 20,968 |
| 223 | 218 | 1,134 | 484 | 16,200 | 12,609 | 292 | 26 | 9,220 | 402 | 36,633 | 303,152 |
| 170 | 60 | 709 | 205 | 17,532 | 15,820 | 110 | 6 | 15,291 | 74 | 43,018 | 920,629 |
| 4,082 | 1,345 | 2,299 | 15,090 | 2,710 | 551 | 6,171 | 199 | 2,720 | 4,913 | 5,702 | 62,804 |
| 8,724 | 5,813 | 5,508 | 9,914 | 26,533 | 11,372 | 8,171 | 505 | 2,415 | 13,065 | 10,156 | 463,638 |
| 7,503 | 7,919 | 2,809 | 8,310 | 10,676 | 8,701 | 3,112 | 387 | 5,055 | 11,442 | 10,491 | 1,114,371 |
| 55 | 1,237 | 6,745 | 2,425 | 2,684 | 581 | 250 | 316 | 30,785 | 2,095 | 4,958 | 39,774 |
| 5,772 | 7,653 | 6,969 | 13,219 | 33,608 | 8,843 | 11,302 | 1,038 | 31,299 | 14,336 | 28,446 | 68,361 |
| 1,521 | 5,910 | 9,326 | 9,660 | 26,924 | 7,358 | 7,943 | 869 | 61,688 | 14,687 | 17,531 | 95,606 |
| 71 | 1,710 | 274 | 3,141 | 2,816 | 697 | 2,564 | 157 | 2,270 | 3,864 | 1,051 | 10,417 |
| 2,280 | 8,154 | 1,382 | 10,162 | 32,267 | 9,549 | 8,056 | 373 | 6,505 | 18,779 | 17,104 | 45,922 |
| 908 | 5,781 | 827 | 7,175 | 24,622 | 7,286 | 6,435 | 223 | 4,010 | 12,678 | 7,836 | 35,403 |
| 6 | 7 | 10 | 4 | | | | | 76 | 2 | 23 | 3,076 |
| | 1 | 2 | 76 | 4 | | | | 18 | | 669 | 6,854 |
| | 2 | | 86 | 4 | | | | 35 | | 536 | 7,404 |
| 20 | 107 | 250 | 45 | 1,065 | 297 | 179 | 13 | 46,152 | 42 | 1,451 | 9,637 |
| 266 | 196 | 893 | 65 | 10,582 | 5,539 | 451 | 6 | 87,941 | 143 | 5,056 | 122,250 |
| 235 | 737 | 12,304 | 1,055 | 55,780 | 20,935 | 3,712 | 65 | 228,416 | 2,152 | 7,880 | 1,985,238 |
| 21 | 20 | 889 | 86 | 4 | 8 | | | 272 | 153 | 8 | 1,876 |
| 184 | 130 | 3,875 | 271 | 10 | 60 | | | 35 | 68 | 45 | 1,497 |
| | | | | | | | | 248 | 419 | 82 | 15,674 |

AGRICULTURE—WASHINGTON.

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919.

| | THE STATE. | Adams. | Asotin. | Benton. | Chelan. | Clallam. | Clarke. | Columbia. |
|---|-------------|-----------|-----------|-----------|------------|-----------|---------------|-----------|
| MORTGAGE DEBT REPORTS: 1920. | | | | | | | | |
| 1 For all farms operated by owners: | | | | | | | | |
| 2 Number free from mortgage debt..... | 25,012 | 153 | 239 | 359 | 648 | 280 | 1,345 | 179 |
| 3 Number with mortgage debt..... | 24,004 | 382 | 240 | 765 | 954 | 206 | 1,107 | 169 |
| 3 Number with no mortgage report..... | 3,685 | 83 | 22 | 96 | 117 | 17 | 155 | 54 |
| 4 For farms consisting of owned land only: | | | | | | | | |
| 5 Number of farms reporting amount of debt..... | 19,503 | 187 | 178 | 588 | 825 | 169 | 963 | 114 |
| 6 Value of land and buildings..... dollars. | 202,018,288 | 5,600,694 | 2,970,968 | 5,207,993 | 11,653,585 | 1,310,075 | 6,739,806 | 2,940,690 |
| 7 Amount of mortgage debt..... dollars. | 61,120,951 | 1,638,017 | 939,790 | 1,665,844 | 3,514,505 | 406,167 | 2,140,703 | 764,158 |
| 7 Ratio of debt to value..... per cent. | 30.3 | 29.2 | 31.6 | 32.0 | 30.2 | 31.0 | 31.8 | 26.0 |
| 8 Average rate of interest paid..... per cent. | 6.6 | 7.2 | 6.7 | 6.6 | 7.4 | 6.6 | 6.3 | 6.5 |
| FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919. | | | | | | | | |
| 9 Labor: | | | | | | | | |
| 10 Farms reporting..... number. | 38,055 | 817 | 386 | 972 | 1,633 | 361 | 1,481 | 428 |
| 11 Total expenditure..... dollars. | 34,121,457 | 1,039,135 | 335,002 | 961,960 | 1,906,705 | 208,475 | 504,955 | 1,118,955 |
| 12 Amount in cash..... dollars. | 23,330,116 | 805,855 | 278,248 | 855,352 | 1,703,208 | 161,209 | 445,281 | 906,212 |
| 12 Value of rent and board furnished..... dollars. | 5,791,341 | 233,250 | 56,754 | 106,578 | 203,497 | 47,266 | 59,074 | 212,773 |
| 13 Fertilizer: | | | | | | | | |
| 14 Farms reporting..... number. | 3,645 | 6 | 42 | 117 | 331 | 39 | 324 | 2 |
| 14 Amount expended..... dollars. | 525,637 | 2,662 | 2,476 | 13,848 | 42,048 | 3,691 | 32,216 | 67 |
| 15 Feed: | | | | | | | | |
| 16 Farms reporting..... number. | 51,038 | 915 | 408 | 1,114 | 1,561 | 477 | 2,545 | 423 |
| 16 Amount expended..... dollars. | 20,721,880 | 766,854 | 128,140 | 427,407 | 375,019 | 140,578 | 667,906 | 266,886 |
| | Cowlitz. | Douglas. | Ferry. | Franklin. | Garfield. | Grant. | Grays Harbor. | Island. |
| MORTGAGE DEBT REPORTS: 1920. | | | | | | | | |
| 1 For all farms operated by owners: | | | | | | | | |
| 2 Number free from mortgage debt..... | 515 | 362 | 365 | 89 | 127 | 297 | 504 | 404 |
| 3 Number with mortgage debt..... | 355 | 826 | 221 | 183 | 103 | 442 | 359 | 246 |
| 3 Number with no mortgage report..... | 62 | 82 | 44 | 38 | 31 | 99 | 26 | 8 |
| 4 For farms consisting of owned land only: | | | | | | | | |
| 5 Number of farms reporting amount of debt..... | 302 | 429 | 171 | 83 | 65 | 228 | 326 | 223 |
| 6 Value of land and buildings..... dollars. | 1,914,810 | 6,238,985 | 722,650 | 942,872 | 1,817,078 | 2,931,267 | 2,212,000 | 1,377,025 |
| 6 Amount of mortgage debt..... dollars. | 617,503 | 1,845,782 | 205,600 | 335,316 | 591,160 | 850,681 | 513,514 | 390,871 |
| 7 Ratio of debt to value..... per cent. | 32.2 | 29.6 | 28.5 | 35.6 | 32.5 | 29.3 | 36.8 | 27.7 |
| 8 Average rate of interest paid..... per cent. | 6.3 | 7.4 | 6.6 | 6.6 | 6.6 | 7.1 | 6.4 | 6.4 |
| FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919. | | | | | | | | |
| 9 Labor: | | | | | | | | |
| 10 Farms reporting..... number. | 430 | 1,158 | 269 | 286 | 342 | 737 | 486 | 338 |
| 11 Total expenditure..... dollars. | 180,116 | 1,494,230 | 83,238 | 526,503 | 590,521 | 826,967 | 176,237 | 114,801 |
| 11 Amount in cash..... dollars. | 145,091 | 1,275,983 | 64,032 | 393,636 | 449,508 | 661,371 | 142,479 | 99,336 |
| 12 Value of rent and board furnished..... dollars. | 35,025 | 218,277 | 19,206 | 132,867 | 141,013 | 165,506 | 33,758 | 15,465 |
| 13 Fertilizer: | | | | | | | | |
| 14 Farms reporting..... number. | 40 | 88 | 1 | 1 | 2 | 29 | 88 | 19 |
| 14 Amount expended..... dollars. | 2,141 | 15,864 | 35 | 500 | 1,360 | 12,036 | 6,766 | 437 |
| 15 Feed: | | | | | | | | |
| 16 Farms reporting..... number. | 812 | 1,124 | 440 | 333 | 239 | 856 | 878 | 656 |
| 16 Amount expended..... dollars. | 176,561 | 356,610 | 92,256 | 305,669 | 91,381 | 403,571 | 290,707 | 230,653 |
| | Jefferson. | King. | Kitsap. | Kittitas. | Klickitat. | Lewis. | Lincoln. | Mason. |
| MORTGAGE DEBT REPORTS: 1920. | | | | | | | | |
| 1 For all farms operated by owners: | | | | | | | | |
| 2 Number free from mortgage debt..... | 181 | 1,488 | 960 | 337 | 378 | 1,464 | 457 | 238 |
| 3 Number with mortgage debt..... | 81 | 1,056 | 342 | 321 | 523 | 1,111 | 677 | 145 |
| 3 Number with no mortgage report..... | 37 | 283 | 71 | 43 | 59 | 76 | 80 | 41 |
| 4 For farms consisting of owned land only: | | | | | | | | |
| 5 Number of farms reporting amount of debt..... | 74 | 967 | 328 | 261 | 368 | 997 | 361 | 130 |
| 6 Value of land and buildings..... dollars. | 502,180 | 7,250,230 | 1,492,170 | 3,778,785 | 4,753,480 | 6,550,405 | 9,982,763 | 711,200 |
| 6 Amount of mortgage debt..... dollars. | 142,604 | 2,256,232 | 390,583 | 1,514,494 | 1,490,271 | 2,026,449 | 2,569,325 | 174,711 |
| 7 Ratio of debt to value..... per cent. | 28.4 | 31.1 | 26.2 | 40.1 | 31.5 | 30.9 | 25.7 | 24.6 |
| 8 Average rate of interest paid..... per cent. | 6.6 | 6.5 | 6.9 | 6.4 | 6.5 | 6.8 | 6.7 | 6.2 |
| FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919. | | | | | | | | |
| 9 Labor: | | | | | | | | |
| 10 Farms reporting..... number. | 121 | 1,772 | 634 | 605 | 748 | 1,312 | 1,462 | 165 |
| 11 Total expenditure..... dollars. | 67,124 | 1,457,700 | 114,938 | 672,877 | 661,784 | 318,849 | 1,807,345 | 40,868 |
| 11 Amount in cash..... dollars. | 50,070 | 1,246,181 | 100,964 | 548,912 | 511,355 | 244,457 | 1,243,433 | 32,257 |
| 12 Value of rent and board furnished..... dollars. | 17,054 | 211,519 | 13,974 | 123,965 | 150,420 | 74,392 | 463,912 | 8,611 |
| 13 Fertilizer: | | | | | | | | |
| 14 Farms reporting..... number. | 5 | 461 | 108 | 14 | 99 | 96 | 17 | 23 |
| 14 Amount expended..... dollars. | 151 | 95,192 | 13,337 | 1,697 | 7,178 | 6,883 | 12,295 | 715 |
| 15 Feed: | | | | | | | | |
| 16 Farms reporting..... number. | 248 | 3,316 | 1,396 | 562 | 713 | 2,320 | 1,455 | 370 |
| 16 Amount expended..... dollars. | 104,034 | 2,713,459 | 693,171 | 243,208 | 187,301 | 716,184 | 654,359 | 118,039 |

AGRICULTURE—WASHINGTON.

77

COUNTY TABLE V.—MORTGAGE DEBT, 1920; AND EXPENDITURES FOR LABOR, FERTILIZER, AND FEED, 1919—Contd.

| | Okanogan. | Pacific. | Pend Oreille. | Pierce. | San Juan. | Skagit. | Skamania. | Snohomish. |
|---|------------|-----------|---------------|------------|--------------|-----------|------------|------------|
| MORTGAGE DEBT REPORTS: 1920. | | | | | | | | |
| For all farms operated by owners: | | | | | | | | |
| Number free from mortgage debt..... | 1,126 | 247 | 239 | 1,060 | 264 | 959 | 130 | 1,381 |
| Number with mortgage debt..... | 1,142 | 122 | 258 | 880 | 152 | 880 | 107 | 1,126 |
| Number with no mortgage report..... | 168 | 17 | 39 | 117 | 23 | 143 | 9 | 200 |
| For farms consisting of owned land only: | | | | | | | | |
| Number of farms reporting amount of debt..... | 852 | 105 | 240 | 820 | 151 | 774 | 84 | 1,097 |
| Value of land and buildings..... dollars. | 7,090,950 | 723,175 | 1,565,320 | 5,068,275 | 1,273,360 | 6,524,002 | 533,200 | 7,147,847 |
| Amount of mortgage debt..... dollars. | 1,919,730 | 230,090 | 522,376 | 1,618,224 | 323,376 | 2,074,324 | 171,310 | 2,204,719 |
| Ratio of debt to value..... per cent. | 27.1 | 31.8 | 33.4 | 31.9 | 25.4 | 31.8 | 32.1 | 30.8 |
| Average rate of interest paid..... per cent. | 7.4 | 6.6 | 6.4 | 6.5 | 6.8 | 6.3 | 6.2 | 6.3 |
| FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919. | | | | | | | | |
| Labor: | | | | | | | | |
| Farms reporting..... number.. dollars.. | 1,480 | 244 | 100 | 1,500 | 303 | 1,443 | 127 | 1,450 |
| Total expenditure..... dollars.. | 858,094 | 124,846 | 46,598 | 817,917 | 103,324 | 1,086,453 | 46,670 | 734,915 |
| Amount in cash..... dollars.. | 743,122 | 108,420 | 40,751 | 730,300 | 83,101 | 900,258 | 42,591 | 617,598 |
| Value of rent and board furnished..... dollars.. | 114,972 | 16,417 | 5,787 | 87,617 | 20,233 | 186,195 | 4,079 | 117,317 |
| Fertilizer: | | | | | | | | |
| Farms reporting..... number.. dollars.. | 127 | 50 | 23 | 497 | 18 | 57 | 11 | 156 |
| Amount expended..... dollars.. | 13,862 | 1,963 | 2,067 | 75,812 | 3,299 | 7,801 | 3,483 | 13,822 |
| Feed: | | | | | | | | |
| Farms reporting..... number.. dollars.. | 1,725 | 371 | 458 | 2,765 | 422 | 2,040 | 207 | 2,794 |
| Amount expended..... dollars.. | 392,404 | 149,812 | 117,624 | 1,700,368 | 86,993 | 802,085 | 43,170 | 1,253,864 |
| | Spokane. | Stevens. | Thurston. | Wahki-kum. | Walla Walla. | Whatcom. | Whitman. | Yakima. |
| MORTGAGE DEBT REPORTS: 1920. | | | | | | | | |
| For all farms operated by owners: | | | | | | | | |
| Number free from mortgage debt..... | 1,632 | 1,222 | 668 | 175 | 323 | 1,413 | 620 | 1,579 |
| Number with mortgage debt..... | 1,840 | 997 | 531 | 139 | 534 | 1,256 | 807 | 2,419 |
| Number with no mortgage report..... | 264 | 126 | 91 | 13 | 143 | 179 | 249 | 284 |
| For farms consisting of owned land only: | | | | | | | | |
| Number of farms reporting amount of debt..... | 1,380 | 983 | 497 | 134 | 390 | 1,138 | 532 | 1,994 |
| Value of land and buildings..... dollars.. | 15,065,270 | 6,826,442 | 2,726,423 | 995,926 | 8,440,016 | 7,533,109 | 16,800,657 | 24,095,604 |
| Amount of mortgage debt..... dollars.. | 4,440,724 | 2,216,933 | 893,718 | 333,145 | 2,186,920 | 2,360,148 | 4,616,854 | 7,719,071 |
| Ratio of debt to value..... per cent.. | 29.5 | 32.5 | 32.8 | 33.5 | 25.9 | 31.3 | 27.5 | 32.0 |
| Average rate of interest paid..... per cent.. | 6.5 | 6.4 | 6.5 | 5.8 | 6.6 | 6.4 | 6.3 | 6.8 |
| FARM EXPENDITURES FOR LABOR, FERTILIZER, AND FEED: 1919. | | | | | | | | |
| Labor: | | | | | | | | |
| Farms reporting..... number.. dollars.. | 2,848 | 1,202 | 560 | 162 | 1,080 | 1,633 | 2,470 | 4,381 |
| Total expenditure..... dollars.. | 1,764,187 | 411,572 | 165,679 | 66,606 | 2,535,184 | 536,665 | 3,991,870 | 5,621,612 |
| Amount in cash..... dollars.. | 1,493,731 | 335,291 | 135,582 | 53,149 | 1,960,777 | 468,868 | 3,068,600 | 5,083,538 |
| Value of rent and board furnished..... dollars.. | 270,456 | 76,281 | 30,097 | 13,457 | 574,407 | 67,797 | 923,270 | 539,074 |
| Fertilizer: | | | | | | | | |
| Farms reporting..... number.. dollars.. | 179 | 32 | 61 | 3 | 73 | 182 | 61 | 163 |
| Amount expended..... dollars.. | 30,327 | 5,626 | 2,362 | 47 | 20,831 | 11,315 | 15,542 | 37,863 |
| Feed: | | | | | | | | |
| Farms reporting..... number.. dollars.. | 3,696 | 1,805 | 1,088 | 336 | 1,182 | 2,908 | 2,084 | 3,996 |
| Amount expended..... dollars.. | 1,061,335 | 385,109 | 342,800 | 80,600 | 886,195 | 1,344,420 | 985,942 | 909,194 |

IRRIGATION—WASHINGTON.

INTRODUCTION.

The following pages present the statistics of irrigation for the state of Washington collected at the census of 1920. Statistics of acreage irrigated, of acreage, yield, and value of crops grown on irrigated land, and of cost of operation and maintenance relate to the year 1919; other items relate to the year 1920. Throughout the report figures for the census of 1910 are given for purposes of comparison; and, for

the purpose of showing the historical development of irrigation, items which have been reported in censuses previous to 1910 are presented.

Statistics of number of farms irrigated and of acreage, yield, and value of crops grown on irrigated land were collected in the general census of agriculture. All other statistics were obtained in a special canvass of irrigation enterprises.

TABLE 1.—SUMMARY FOR THE STATE: 1920 AND 1910.

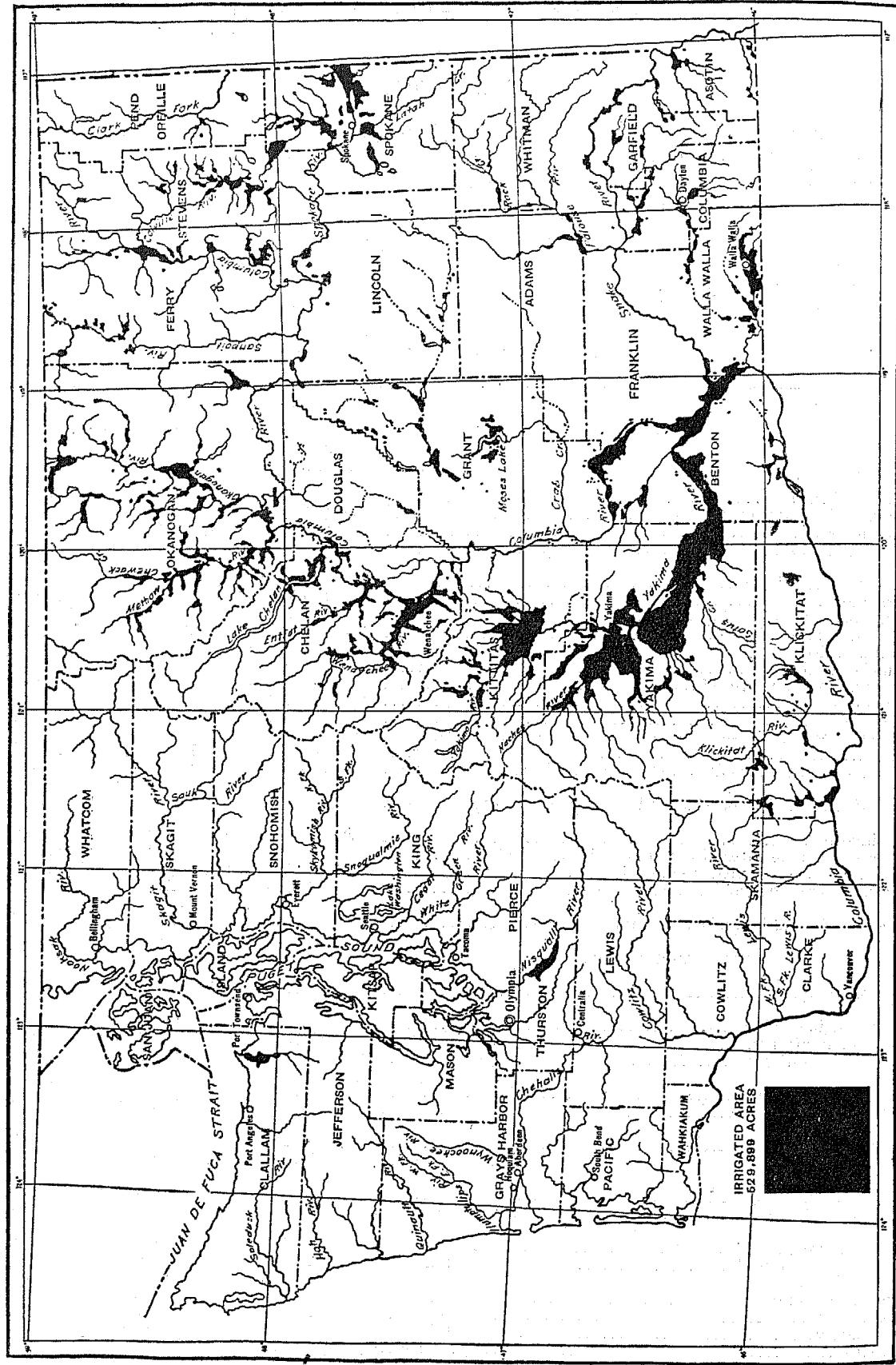
| ITEM. | CENSUS OF— | | INCREASE. ¹ | |
|--|--------------|------------------|------------------------|-----------|
| | 1920 | 1910 | Amount. | Per cent. |
| Number of all farms..... | 66,318 | 56,192 | 10,126 | 18.0 |
| Approximate land area of the state.....acres..... | 42,775,040 | 42,775,040 | ..... | ..... |
| All land in farms.....acres..... | 13,219,053 | 11,712,235 | 1,506,818 | 12.9 |
| Improved land in farms.....acres..... | 7,129,343 | 6,373,311 | 756,032 | 10.6 |
| Number of farms irrigated.....acres..... | 13,271 | 7,664 | 5,607 | 73.2 |
| Area irrigated.....acres..... | 529,899 | 334,378 | 195,521 | 58.5 |
| Area enterprises were capable of irrigating.....acres..... | 637,151 | 470,514 | 166,637 | 35.4 |
| Area included in enterprises.....acres..... | 836,795 | 817,032 | 19,763 | 2.4 |
| Per cent irrigated: | | | | |
| Number of all farms..... | 20.0 | 13.6 | 6.4 | ..... |
| Approximate land area of the state..... | 1.2 | 0.8 | 0.4 | ..... |
| Land in farms..... | 4.0 | 2.9 | 1.1 | ..... |
| Improved land in farms..... | 7.4 | 5.2 | 2.2 | ..... |
| Excess of area enterprises were capable of irrigating over area irrigated.....acres..... | 107,252 | 136,136 | -28,884 | -21.2 |
| Excess of area included in enterprises over area irrigated.....acres..... | 306,896 | 482,654 | -175,758 | -36.4 |
| Area of irrigated land reported as available for settlement.....acres..... | 61,738 | (²) | ..... | ..... |
| Capital invested..... | \$29,299,011 | \$16,219,149 | \$13,079,862 | 80.6 |
| Average per acre enterprises were capable of irrigating..... | \$45.98 | \$34.47 | \$11.51 | 33.4 |
| Estimated final cost of existing enterprises..... | \$37,684,591 | \$22,322,856 | \$15,361,735 | 68.8 |
| Average per acre included in enterprises..... | \$45.03 | \$27.32 | \$17.71 | 64.8 |
| Average cost of operation and maintenance per acre..... | \$3.45 | \$3.08 | \$0.37 | 12.0 |
| IRRIGATION WORKS. | | | | |
| Number of enterprises..... | 2,692 | 1,934 | 758 | 39.2 |
| Number of main ditches..... | 1,873 | 1,600 | 273 | 17.1 |
| Length of main ditches.....miles..... | 3,851 | 2,594 | 1,257 | 48.5 |
| Capacity of main ditches.....second-feet..... | 16,242 | 13,178 | 3,064 | 28.3 |
| Number of lateral ditches..... | 3,179 | 1,180 | 1,999 | 169.4 |
| Length of lateral ditches.....miles..... | 1,764 | 1,298 | 466 | 35.9 |
| Number of reservoirs..... | 205 | 156 | 49 | 31.4 |
| Capacity of reservoirs.....acre-feet..... | 477,789 | 121,543 | 356,246 | 293.1 |
| Number of flowing wells..... | 60 | 55 | 5 | ..... |
| Capacity of flowing wells.....gallons per minute..... | 14,925 | 18,926 | -4,001 | -21.1 |
| Number of pumped wells..... | 520 | 128 | 392 | 306.3 |
| Capacity of pumped wells.....gallons per minute..... | 227,744 | 60,220 | 167,524 | 278.2 |
| Number of pumping plants..... | 978 | 391 | 587 | 150.1 |
| Engine capacity.....horsepower..... | 22,929 | 13,847 | 9,082 | 65.6 |
| Pump capacity.....gallons per minute..... | 636,552 | 365,411 | 271,141 | 74.2 |
| Average lift.....feet..... | 60 | (²) | 60 | ..... |

¹ A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.

² Not reported in 1910.

WASHINGTON

APPROXIMATE LOCATION AND EXTENT OF IRRIGATED LAND.



EXPLANATION OF TERMS.

Farms irrigated.—The number of "farms irrigated" is the number on which irrigation is practiced, and for the purposes of this inquiry a "farm" is defined as for the general census of agriculture; that is, to be classed as a farm an establishment either must be 3 acres in extent or must have produced crops to the value of \$250 in 1919, or must have required for its agricultural operations the continuous services of at least one person. "Number of farms irrigated" as used in this report and in that of 1910, is equivalent to the term "number of irrigators" used in census reports on irrigation previous to 1910.

Irrigation enterprise.—An "enterprise" is an independent irrigation establishment and includes the works for supplying water and the land to which water is supplied or is to be supplied, except that the cost or value of the land is not included in the "capital invested."

Acreage irrigated, in enterprises, and available for settlement.—Acreage irrigated is the acreage to which water was actually applied in the season preceding the census year—1919 for the Fourteenth Census and 1909 for the Thirteenth Census.

Acreage to which enterprises were capable of supplying water relates to the season following the time of taking the census and, consequently, is based on estimates made by those controlling the enterprises.

Acreage included in enterprises represents the extent of the plans of those controlling enterprises.

Acreage of irrigated land reported as available for settlement relates to land within existing enterprises and not to land that is susceptible of reclamation and settlement by new enterprises or extensions of existing enterprises.

Types of enterprises.—The types of enterprises under which all data are classified are as follows:

United States Reclamation Service enterprises, which operate under the Federal law of June 17, 1902, providing for the construction of irrigation works with the receipts from the sale of public lands. In addition to serving land within its own projects, the United States Reclamation Service supplies stored water to land within other enterprises.

United States Indian Service enterprises, which operate under various acts of Congress providing for the construction by that service of works for the irrigation of land in Indian reservations.

Carey Act enterprises, which operate under the Federal law of August 18, 1894, granting to each of the states in the arid region 1,000,000 acres of land on condition that the state provide for its irrigation, and under amendments to that law granting additional areas to Idaho and Wyoming.

Irrigation districts, which are public corporations that operate under state laws providing for their organization and management, and empowering them to issue bonds and levy and collect taxes with the object of obtaining funds for the purchase or construction and for the operation and maintenance of irrigation works.

Cooperative enterprises, which are controlled by the water users under some organized form of cooperation. The most common form of organization is the stock company, the stock of which is owned by the water users.

Commercial enterprises, which supply water for compensation to parties who may own no interest in the works.

Individual and partnership enterprises, which belong to individual farmers or to neighboring farmers, who control them without formal organization.

Capital invested.—The capital invested in irrigation enterprises is that reported by the owners. For the larger works the capital invested is taken, in most cases, from books of account and represents the actual investment. In the case of most of the private and partnership and many of the cooperative enterprises, however, the works were built by their owners without records of money or labor expended, and the capital reported represents the owners' estimates. The schedules used in 1910 called for "cost," while the

schedules used in the present census called for "capital invested," but the instructions accompanying the schedules make these two terms equivalent. In both cases the investment includes cost of construction and of acquiring rights. The latter usually consists of filing fees only, but in some instances it includes the purchase price of rights. However, these cases are so rare that they are unimportant. The cost reported for 1900 is designated "cost of construction," but probably includes the cost of acquiring rights, as in 1910. For the Thirteenth and Fourteenth Censuses the average cost per acre is based on the acreage which enterprises were capable of irrigating in the census year and the cost to the date of the census—January 1, 1920, for the Fourteenth Census, and July 1, 1910, for the Thirteenth Census.

Operation and maintenance.—Cost of operation and maintenance was not reported on all schedules, and averages are based on the acreages for which cost is reported. No estimate of total cost of operation and maintenance for all irrigation enterprises has been made. In the case of enterprises operating pumping plants the cost of operation and maintenance includes cost of fuel and attendance.

Water rights.—The acreage irrigated has been classified by the character of rights under which water is received. The classes used are defined as follows:

"*Appropriation and use*" includes all rights acquired without formalities of any kind that have not been defined by the courts.

"*Notice filed and posted*" includes rights for which claims of some kind have been either posted or filed that have not been defined by the courts.

"*Adjudicated by court*" includes all rights that have been defined by the courts.

"*Permit from state*" includes all rights initiated under laws requiring any party wishing to acquire rights to obtain a permit from the state.

"*Certificate or license from the state*" includes rights acquired under laws providing for the issuing by the state of certificates or licenses defining rights acquired.

"*Riparian rights*" includes rights based on the ownership of riparian land.

"*Underground*" represents water taken from wells.

Source of water supply.—In classifying acreage by source of supply from which water for irrigation is obtained, in 1910 acreage was credited to what seemed to be the principal source of supply, while in the census of 1920 the attempt is made to represent the facts more nearly by presenting various mixed classes.

Date of beginning.—The date of beginning of irrigation enterprises is, in some cases, the date when construction began, and, in other cases, the date of filing a claim or of applying for a permit. If a filing or application for permit was made and work was begun and continued with reasonable diligence the date of filing is considered the date of beginning, otherwise the date of construction is taken as the date of beginning.

Drainage basin.—The drainage basin of a stream is all of the land drained by the stream and its tributaries.

Units of quantity and capacity.—Capacities of canals, reservoirs, wells, pumps, and engines, and quantities of water used are expressed in the units commonly used in engineering literature to express the same items. They are as follows:

Capacities of canals and volumes of flowing water are given in second-feet, a shorter equivalent for cubic feet per second.

Capacities of wells and pumps are given in gallons per minute. Four hundred and fifty gallons per minute equal 1 second-foot.

Capacities of reservoirs are given in acre-feet. An acre-foot is the quantity of water that will cover 1 acre to a depth of 1 foot. It equals 43,560 cubic feet.

Capacities of engines and motors are given in horsepower. One horsepower is the power required to lift 33,000 pounds through a vertical distance of 1 foot in 1 minute of time.

IRRIGATION—WASHINGTON.

CLIMATIC CONDITIONS.

With reference to climatic conditions and the necessity for irrigation, the state of Washington may be divided into three fairly distinct zones—humid, arid, and semiarid.

West of the Cascade Mountains there is a heavy annual precipitation, varying from 21 to 55 inches in the valleys and from 55 inches upward in the mountains. In this section of the state there is a fairly well-defined wet season, more than 80 per cent of the precipitation occurring between October 15 and May 15, or the winter season. July and August are the driest months, the average precipitation for each of these months at many points being less than 1 inch. This creates a necessity for irrigation if crops not capable of withstanding considerable periods of drought are to be grown during the late summer months. However, only small areas are irrigated in this part of the state.

Immediately east of the Cascades and between them and Columbia River lies the arid section of the state. The rainfall at the summit of the Cascades is very heavy, but in the valleys, extending from the mountains to the Columbia, it varies from 12 to 6 inches per annum, and irrigation is necessary to the growing of crops. Most of the irrigated land in the state lies in this section.

East of the Columbia River lies the great wheat belt of Washington, where the annual rainfall varies from 13 to 25 inches. In this section most of the precipitation occurs in the fall, winter, and spring, leaving a dry summer season for the grain harvest. In this section there is little irrigation, although the desire to diversify crops has led to the consideration of many plans for irrigating large areas. These plans have not, however, advanced far enough to enter into the tabulation.

Weather conditions in 1919 were peculiarly unfavorable. The meteorologist of the United States Weather Bureau for the Washington section, in his annual summary, makes the following statement regarding the year 1919:

The most striking features of the weather in the year 1919 were the heavy rains, melting snows, and consequent freshets of January, a cold and backward spring, an unusually long and excessive drought in which the precipitation was deficient from April to November, periods of hot and desiccating winds in June and July * * *.

The snowfall of the season of 1918-19 was so much lighter in the mountains than the average that the irrigation supply proved inadequate at some projects, owing largely to the unusual demands of an excessively dry and hot summer. During the growing season there was even a less supply of rain than in the preceding year, which had also a noteworthy scarcity of precipitation.

From an agricultural point of view the year was hardly a successful one, but there was an unprecedented crop of unusually fine apples.

WATER SUPPLY FOR IRRIGATION.

West of the Cascade Mountains the streams flowing from these mountains and the Olympic Mountains to the Pacific Ocean and Puget Sound and to Columbia River furnish an ample supply of water for the small amount of irrigation required.

The streams most used for irrigation are those heading on the eastern slope of the Cascade Mountains and flowing into the Columbia. The precipitation on the Cascades is very heavy, affording a large supply of water, and there are many lakes on the headwaters of the rivers affording opportunity for storing the flood water. The larger streams in this section, named in the order in which they enter the Columbia, from south to north, are the Klickitat, Yakima, Wenatchee, Entiat, Chelan, Methow, and Okanogan. While the building of storage reservoirs on these streams has been begun, there is opportunity for much additional storage. The streams named supply water to about 80 per cent of the total irrigated acreage of the state, Yakima River and tributaries alone supplying about 64 per cent of the total acreage.

East of Columbia River the principal streams entering the Columbia from the east, named in order from south to north, are the following: Walla Walla River, rising in the Blue Mountains in eastern Washington and Oregon; Snake River, rising in western Wyoming, flowing across the state of Idaho, and forming the eastern boundary of Oregon and Washington for nearly 200 miles; Spokane River, rising in Idaho; Colville River, rising in eastern Washington; and Clark Fork, rising in western Montana, flowing across northern Idaho and through northeastern Washington, and entering Columbia River just north of the international boundary. In this section of the state crops are grown without irrigation, and the water supply is not all utilized.

The Columbia itself enters the state from Canada near the northeast corner of the state and drains a large area in western Montana, northern Idaho, and southern Canada before entering Washington. Throughout most of its course the Columbia flows in a deep channel far below the level of the adjoining land and is not used to a large extent for irrigation.

The acreages irrigated from the various streams of the state and their tributaries are given in Table 7.

The extent of the supply of underground water has not been determined. Of the 60 flowing wells reported as being used for irrigation, two-thirds are in the vicinity of the confluence of Columbia and Snake Rivers. Pumped wells are more generally distributed, but nearly one-half of those reported are located in Benton and Grant Counties.

IRRIGATION—WASHINGTON.

83

FARMS AND ACREAGE IRRIGATED.

**TABLE 2.—NUMBER OF FARMS AND ACREAGE IRRIGATED:
1890 TO 1920.**

| CENSUS YEAR. | FARMS IRRIGATED. | | | AREA IRRIGATED. | | | | |
|--------------|------------------|-----------------------|------------------------|-----------------|-----------------------|------------------------------|----------------------------|-------------------------------------|
| | Number. | Per cent of increase. | Per cent of all farms. | Acres. | Per cent of increase. | Per cent of total land area. | Per cent of land in farms. | Per cent of improved land in farms. |
| 1920..... | 13,271 | 73.2 | 20.0 | 529,899 | 63.5 | 1.2 | 4.0 | 7.4 |
| 1910..... | 7,664 | 118.2 | 13.6 | 334,378 | 146.8 | 0.8 | 2.9 | 5.2 |
| 1900..... | 3,513 | 235.9 | 10.6 | 135,470 | 177.6 | 0.3 | 1.6 | 3.9 |
| 1890..... | 1,046 | ..... | 5.8 | 48,799 | ..... | 0.1 | 1.2 | 2.7 |

TABLE 3.—ACREAGE, CLASSIFIED BY DATE OF BEGINNING OF ENTERPRISES SUPPLYING WATER FOR IRRIGATION.

| DATE OF BEGINNING. | Number of enterprises. | Area included in enterprises, 1920 (acres). | AREA IRRIGATED IN 1919. | | Area enterprises were capable of irrigating in 1920 (acres). |
|--------------------|------------------------|---|-------------------------|-------------------------------------|--|
| | | | Acres. | Per cent of acreage in enterprises. | |
| Total..... | 2,692 | 836,795 | 529,899 | 63.3 | 637,151 |
| Before 1860..... | 7 | 1,066 | 461 | 43.2 | 808 |
| 1860-1869..... | 10 | 998 | 798 | 80.0 | 887 |
| 1870-1879..... | 89 | 24,619 | 22,650 | 92.0 | 23,602 |
| 1880-1889..... | 228 | 79,276 | 65,791 | 83.0 | 68,546 |
| 1890-1899..... | 315 | 208,025 | 126,359 | 60.7 | 145,002 |
| 1900-1904..... | 274 | 59,932 | 42,534 | 71.0 | 49,126 |
| 1905-1909..... | 343 | 278,907 | 175,333 | 62.9 | 217,215 |
| 1910-1914..... | 483 | 85,461 | 30,663 | 35.9 | 50,788 |
| 1915-1919..... | 427 | 49,757 | 24,466 | 49.2 | 38,771 |
| Not reported..... | 518 | 48,744 | 40,704 | 83.7 | 41,798 |

TABLE 4.—ACREAGE, CLASSIFIED BY SOURCE OF WATER SUPPLY: 1919 AND 1909.

| CLASS. | AREA IRRIGATED (ACRES). | | | | Area enterprises were capable of irrigating in 1920 (acres). | Area included in enterprises, 1920 (acres). | | |
|--|-------------------------|------------------------|---------|-----------|--|---|--|--|
| | 1919 | | 1909 | | | | | |
| | Amount. | Increase. ¹ | Amount. | Per cent. | | | | |
| Total..... | 529,899 | 334,878 | 195,521 | 58.5 | 637,151 | 836,795 | | |
| Streams, gravity..... | 352,199 | 301,341 | 50,858 | 16.9 | 416,769 | 550,325 | | |
| Streams, pumped..... | 26,244 | 9,085 | 17,159 | 188.9 | 49,545 | 71,150 | | |
| Streams, pumped and gravity..... | 92,702 | (2) | 12,067 | 221.9 | 95,745 | 114,773 | | |
| Wells, pumped..... | 17,504 | 5,437 | 12,067 | 221.9 | 19,938 | 24,763 | | |
| Wells, flowing..... | 1,671 | 3,227 | -1,556 | -43.2 | 2,843 | 3,654 | | |
| Wells, flowing and pumped..... | 1,490 | (2) | ..... | ..... | 1,490 | 1,794 | | |
| Lakes, gravity..... | 3,442 | 4,698 | -1,256 | -26.7 | 3,979 | 5,562 | | |
| Lakes, pumped..... | 4,662 | 6,084 | -1,422 | -23.4 | 4,888 | 6,294 | | |
| Springs..... | 7,869 | 4,207 | 3,662 | 87.0 | 9,569 | 15,393 | | |
| Stored storm water..... | 129 | 299 | -170 | -56.9 | 141 | 151 | | |
| City water..... | 42 | (2) | ..... | ..... | 21 | 52 | | |
| Streams, gravity, and pumped wells..... | 2,415 | (2) | ..... | ..... | 4,089 | 4,671 | | |
| Streams, gravity, and flowing wells..... | 441 | (2) | ..... | ..... | 443 | 592 | | |
| Other mixed..... | 19,027 | (2) | ..... | ..... | 27,684 | 37,491 | | |
| Other and not reported..... | 62 | (2) | ..... | ..... | 67 | 127 | | |

¹A minus sign (—) denotes decrease.

² Not included in classification in 1910.

ACREAGE, BY CHARACTER OF ENTERPRISE.

The original irrigation district law in Washington was enacted by the first state legislature, in 1890, and it has been amended from time to time since that date. Generally, in Washington, irrigation districts have not built irrigation works, but have been or-

ganized to take over works built by other agencies. Some of the larger commercial enterprises reported in 1910 have been taken over by districts, and this accounts for the decrease in the acreage reported for commercial enterprises. Most of the land served by the United States Reclamation Service has been organized into districts, but the acreage is credited to the Reclamation Service because the Government constructed the works and still controls them to a large extent. The Reclamation Service also supplies stored water to land in other enterprises under the "Warren Act" (act of Congress, Feb. 21, 1911), and other special arrangements.

The state of Washington accepted the conditions of the Federal Carey Act (act of Congress, Aug. 18, 1894) in 1895, but nothing has been accomplished under this law.

The small acreage credited to the state belongs to state institutions and does not represent a scheme of state construction of irrigation works.

TABLE 5.—ACREAGE, CLASSIFIED BY CHARACTER OF ENTERPRISE: 1920 AND 1910.

| ITEM AND CLASS. | CENSUS OF— | | INCREASE. ¹ | |
|--|------------|---------|------------------------|-----------|
| | 1920 | 1910 | Acres. | Per cent. |
| ACREAGE IRRIGATED. | | | | |
| Total..... | 529,899 | 334,378 | 195,521 | 58.5 |
| Individual and partnership..... | 142,215 | 95,655 | 46,560 | 48.7 |
| Cooperative..... | 98,102 | 81,122 | 12,070 | 14.9 |
| Irrigation district..... | 79,918 | ..... | 79,918 | ..... |
| Commercial..... | 21,705 | 66,911 | -45,206 | -67.6 |
| U. S. Reclamation Service..... | 2,122,868 | 55,690 | 67,179 | 120.6 |
| U. S. Indian Service..... | 66,510 | 35,000 | 34,510 | 98.6 |
| State..... | 200 | (*) | 200 | ..... |
| Other and mixed..... | 290 | (*) | 290 | ..... |
| ACREAGE ENTERPRISES WERE CAPABLE OF IRRIGATING. | | | | |
| Total..... | 637,151 | 470,514 | 166,637 | 35.4 |
| Individual and partnership..... | 169,457 | 117,145 | 52,312 | 44.7 |
| Cooperative..... | 104,699 | 90,805 | 13,894 | 15.3 |
| Irrigation district..... | 118,009 | ..... | 118,009 | ..... |
| Commercial..... | 31,652 | 138,064 | -106,412 | -77.1 |
| U. S. Reclamation Service..... | 2,135,119 | 74,500 | 60,610 | 81.4 |
| U. S. Indian Service..... | 77,710 | 50,000 | 27,710 | 55.4 |
| State..... | 200 | (*) | 200 | ..... |
| Other and mixed..... | 305 | (*) | 305 | ..... |
| ACREAGE INCLUDED IN ENTERPRISES. | | | | |
| Total..... | 836,795 | 817,032 | 19,763 | 2.4 |
| Individual and partnership..... | 226,671 | 192,310 | 34,381 | 17.9 |
| Cooperative..... | 118,539 | 115,410 | 3,129 | 2.7 |
| Irrigation district..... | 134,641 | ..... | 134,641 | ..... |
| Commercial..... | 75,292 | 266,216 | -190,924 | -71.7 |
| U. S. Reclamation Service..... | 2,152,947 | 143,006 | 9,351 | 6.9 |
| U. S. Indian Service..... | 128,200 | 100,000 | 28,200 | 28.2 |
| State..... | 200 | (*) | 200 | ..... |
| Other and mixed..... | 305 | (*) | 305 | ..... |

¹A minus sign (—) denotes decrease.

² Does not include about 100,000 acres to which stored water is supplied.

³ Not included in classification in 1910.

ACREAGE, BY CHARACTER OF WATER RIGHTS.

Rights to water from streams and other sources are subject to control by the states. The laws of the state of Washington relating to water rights are summarized in the following paragraphs:

The territory of Washington was organized in 1853, and the state of Washington was admitted to the Union in 1889. During the territorial period no general legislation relating to irrigation was enacted.

IRRIGATION—WASHINGTON.

The constitution of the state, ratified October 1, 1889, declared that "The use of the waters of this state for irrigation, mining, and manufacturing purposes shall be deemed a public use."—(Art. XXI.)

The first state legislature enacted a law requiring each party claiming any right to water to file with the clerk of the district court before June 1, 1890, a sworn statement of his claim; and requiring also that any party wishing to take water from a stream or lake after the passage of the law should file a statement and a map setting forth his claim. This law was in effect until 1917.

The law just referred to, enacted by the first legislature, provided that after June 1, 1890, any party interested might apply to the superior court of the county to have the rights to water from any source adjudicated, and that on such application the court should proceed with the adjudication, if he should "deem it practicable." A law approved March 17, 1917, provided a new procedure for the adjudication of water rights. Water rights may also be defined in ordinary suits between rival claimants.

The law of March 17, 1917, provided that any party wishing to acquire a right to water must make application to the state hydraulic engineer for a permit. When work has been completed in accordance with a permit issued by the state hydraulic engineer, that official issues a certificate setting forth the right that has been acquired.

The irrigation law passed by the first state legislature provided that riparian owners were entitled to use any water, not otherwise appropriated, for the purpose of irrigation, "to the full extent of the soil for agricultural purposes," and that riparian rights might be condemned.

TABLE 6.—ACREAGE IRRIGATED, CLASSIFIED BY CHARACTER OF RIGHTS UNDER WHICH WATER IS RECEIVED: 1919 AND 1909.

| CLASS. | 1919 | | 1909, per cent of total. |
|--|---------|-----------------------|--------------------------------|
| | Acres. | Per cent of total. | |
| Total..... | 529,599 | 100.0 | 100.0 |
| Appropriation and use..... | 196,700 | 37.1 | 54.5 |
| Notice filed and posted..... | 169,331 | 32.0 | 29.3 |
| Adjudicated by court..... | 56,300 | 10.6 | 7.6 |
| Permit from state..... | 39,608 | 7.5 | (1) |
| Certificate or license from state..... | 17,403 | 3.3 | (1) |
| Riparian rights..... | 17,065 | 3.2 | 5.2 |
| Underground..... | 20,859 | 3.9 | (2) |
| Other and mixed..... | 561 | 0.1 | (2) |
| Not reported..... | 11,530 | 2.2 | (2) |

¹ In 1910 there was no provision of law for permits or certificates from the state. Small areas were incorrectly reported in these classes.

² All land for which the class of water rights was not reported was included in "Appropriation and use."

ACREAGE, BY DRAINAGE BASIN.

The report of a special census taken in 1902 presented all data by drainage basins rather than by counties. The results of the census of 1920 have been tabulated on the same basis, and the data for 1902 are presented for purposes of comparison. For no other census have the results been tabulated in this form. The acreage reported for each drainage basin in 1919 comprises all the irrigated land in that drainage basin, including that watered from springs and wells. In the 1902 results the acreages irrigated from springs and wells were not reported for the smaller tributary streams, but the acreages for the tributary streams were included in those reported for the main streams. This area is so small, however, that the comparison of the areas reported for the tributary streams is not seriously affected.

TABLE 7.—ACREAGE IRRIGATED, CLASSIFIED BY DRAINAGE BASIN: 1919 AND 1902.

| DRAINAGE BASIN. | AREA IRRIGATED (ACRES). | | | Area included in enterprises, 1920 (acres). | Area enterprises were capable of irrigating in 1920 (acres). |
|--|-------------------------|---------|------------------------------------|---|--|
| | 1919 | 1902 | Per cent of increase. ¹ | | |
| Total..... | 529,599 | 154,062 | 242.0 | 836,705 | 637,151 |
| Columbia River and tributaries..... | 521,462 | 153,937 | 238.8 | 816,266 | 621,453 |
| Columbia River direct..... | 24,471 | 534 | ..... | 49,209 | 32,492 |
| Clark Fork..... | 306 | (2) | ..... | 1,431 | 1,064 |
| Colville River..... | 6,960 | 310 | ..... | 18,200 | 13,993 |
| Spokane River..... | 16,453 | 210 | ..... | 40,391 | 21,075 |
| Okanagan River and tributaries..... | 20,583 | 2,257 | 812.0 | 42,042 | 30,261 |
| Okanagan River direct..... | 2,357 | 14 | ..... | 3,708 | 2,899 |
| Salmon Creek..... | 6,729 | 1,095 | 514.5 | 11,478 | 11,238 |
| Other tributaries of Okanagan River..... | 11,497 | 1,148 | 901.5 | 26,856 | 16,124 |
| Methow River..... | 12,579 | 1,675 | 651.0 | 24,017 | 16,529 |
| Entiat River..... | 2,054 | 2,919 | -29.6 | 2,652 | 2,251 |
| Wenatchee River..... | 23,734 | 3,285 | 622.5 | 39,288 | 34,568 |
| Crab Creek..... | 6,088 | 1,987 | 214.3 | 10,400 | 8,048 |
| Yakima River and tributaries..... | 337,293 | 121,705 | 177.1 | 436,797 | 353,644 |
| Yakima River direct..... | 254,262 | 66,371 | 283.1 | 345,373 | 269,163 |
| Wilson Creek..... | 11,297 | 6,613 | 70.8 | 12,042 | 11,807 |
| Naches River..... | 19,864 | 20,232 | -1.8 | 21,656 | 20,284 |
| Ahtanum Creek..... | 9,287 | 3,849 | 141.3 | 9,982 | 9,342 |
| Other tributaries of Yakima River..... | 42,583 | 24,640 | 72.8 | 47,744 | 43,048 |
| Snake River and tributaries..... | 11,788 | 4,968 | 137.3 | 36,295 | 30,269 |
| Snake River direct..... | 4,047 | 100 | ..... | 24,238 | 20,130 |
| Grande Ronde River..... | 66 | (2) | ..... | 138 | 128 |
| Asotin Creek..... | 3,051 | 3,225 | -5.4 | 4,051 | 4,051 |
| Pataha River..... | 1,480 | 619 | 139.1 | 2,362 | 2,209 |
| Palouse River..... | 1,735 | 508 | 241.5 | 3,645 | 2,020 |
| Other tributaries of Snake River..... | 1,409 | 2,516 | 173.1 | 1,866 | 1,733 |
| Walla Walla River..... | 22,270 | 6,328 | 251.9 | 36,157 | 29,965 |
| Klickitat River..... | 12,332 | 372 | ..... | 19,241 | 13,440 |
| White Salmon River..... | 6,247 | 912 | 585.0 | 11,953 | 7,277 |
| Other tributaries of Columbia River..... | 18,304 | 8,6475 | 182.7 | 48,188 | 25,082 |
| Independent streams..... | 8,437 | 1,025 | 723.1 | 20,529 | 15,693 |
| Dungeness River..... | 6,160 | 685 | 799.3 | 12,660 | 9,860 |
| McDowell Creek..... | 200 | ..... | ..... | ..... | ..... |
| Other independent streams..... | 2,277 | 2,140 | ..... | 7,869 | 5,833 |

¹ A minus sign (—) denotes decrease. Per cent not shown when more than 1,000.

² Not reported separately in 1902.

³ Includes springs and wells.

CAPITAL INVESTED AND COST OF OPERATION AND MAINTENANCE.

TABLE 8.—CAPITAL INVESTED IN IRRIGATION ENTERPRISES: 1890 TO 1920.

| CENSUS YEAR. | Amount. | Per cent of increase. | AVERAGE PER ACRE. | |
|--------------|--------------|-----------------------|-------------------|-----------------------|
| | | | Amount. | Per cent of increase. |
| 1920..... | \$29,290,011 | 80.6 | \$45.98 | 33.4 |
| 1910..... | 16,218,149 | 841.7 | 34.47 | 171.2 |
| 1900..... | 1,722,369 | 775.8 | 12.71 | 215.4 |
| 1890..... | 196,660 | ..... | 4.08 | ..... |

TABLE 9.—CAPITAL INVESTED, CLASSIFIED BY DATE OF BEGINNING.

| DATE OF BEGINNING. | Amount. | Per cent of total. | Average per acre. |
|--------------------|--------------|--------------------|-------------------|
| Total..... | \$29,290,011 | 100.0 | \$45.98 |
| Before 1860..... | 37,112 | 0.1 | 46.04 |
| 1860-1869..... | 15,300 | 0.1 | 17.25 |
| 1870-1879..... | 102,262 | 0.3 | 4.33 |
| 1880-1889..... | 1,098,045 | 3.7 | 16.02 |
| 1890-1899..... | 4,743,934 | 16.2 | 32.58 |
| 1900-1904..... | 2,823,289 | 9.6 | 57.46 |
| 1905-1909..... | 12,153,628 | 41.5 | 55.95 |
| 1910-1914..... | 5,535,131 | 18.9 | 108.99 |
| 1915-1919..... | 1,935,660 | 6.6 | 49.93 |
| Not reported..... | 854,650 | 2.9 | 20.45 |

IRRIGATION—WASHINGTON.

85

TABLE 10.—CAPITAL INVESTED, 1920, AND COST OF OPERATION AND MAINTENANCE, 1919, CLASSIFIED BY SOURCE OF WATER SUPPLY.

[When water is pumped, cost of operation and maintenance includes cost of fuel and attendance.]

| CLASS. | CAPITAL INVESTED, 1920. | | | OPERATION AND MAINTENANCE, 1919. | |
|--|-------------------------|--------------------|-------------------|--|-------------------------------------|
| | Amount. | Per cent of total. | Average per acre. | Area for which cost is reported (acres). | Average cost per acre. ¹ |
| Total | \$29,299,011 | 100.0 | \$45.98 | 495,758 | \$3.45 |
| Streams, gravity..... | | | | | |
| Streams, pumped..... | 18,764,690 | 64.0 | 45.02 | 308,890 | 2.49 |
| Streams, pumped and gravity..... | 2,005,718 | 8.9 | 52.59 | 28,129 | 11.16 |
| Wells, pumped..... | 3,827,148 | 13.1 | 39.97 | 92,574 | 1.99 |
| Wells, flowing..... | 1,033,184 | 5.6 | 81.91 | 16,158 | 12.71 |
| Wells, flowing and pumped..... | 114,300 | 0.4 | 40.20 | 1,076 | 2.03 |
| Lakes, pumped..... | 56,500 | 0.2 | 37.92 | 1,490 | 1.86 |
| Lakes, gravity..... | 455,631 | 1.6 | 114.51 | 2,978 | 13.05 |
| Springs..... | 257,797 | 0.9 | 52.74 | 4,371 | 3.96 |
| Stored stream water..... | 507,103 | 1.7 | 63.05 | 4,857 | 7.08 |
| City water..... | 5,985 | (2) | 42.45 | 65 | 11.85 |
| Streams, gravity, and pumped wells..... | 381 | (2) | 18.14 | ..... | ..... |
| Streams, gravity, and flowing wells..... | 237,150 | 0.8 | 58.28 | 2,158 | 20.70 |
| Other mixed..... | 22,522 | 0.1 | 50.84 | 324 | 4.97 |
| Not reported..... | 811,102 | 2.8 | 29.33 | 7,051 | 6.14 |
| | 450 | (2) | 6.72 | ..... | ..... |

¹ Based on area irrigated in 1919.

² Less than one-tenth of 1 per cent.

TABLE 11.—CAPITAL INVESTED, CLASSIFIED BY DRAINAGE BASIN: 1920 AND 1902.

| DRAINAGE BASIN. | 1920 | 1902 | INCREASE. ¹ | |
|--|--------------|-------------|------------------------|-----------|
| | | | Amount. | Per cent. |
| Total | \$29,299,011 | \$2,330,758 | \$26,968,253 | ..... |
| Columbia River and tributaries..... | 28,990,618 | 2,319,513 | 26,071,105 | ..... |
| Columbia River direct..... | 2,229,066 | 5,200 | 2,223,866 | ..... |
| Clark Fork..... | 7,293 | (2) | 7,293 | ..... |
| Colville River..... | 480,747 | 938 | 485,809 | ..... |
| Spokane River..... | 1,637,743 | 2,904 | 1,634,749 | ..... |
| Okanagan River and tributaries..... | 2,259,018 | 12,374 | 2,246,644 | ..... |
| Okanagan River direct..... | 227,290 | 360 | 226,930 | ..... |
| Salmon Creek..... | 1,069,972 | 5,085 | 1,064,887 | ..... |
| Other tributaries of Okanagan River..... | 961,756 | 2,692 | 954,827 | ..... |
| Methow River..... | 483,800 | 20,825 | 482,984 | ..... |
| Entiat River..... | 73,889 | 17,150 | 66,739 | 330.8 |
| Wenatchee River..... | 1,868,541 | 95,755 | 1,772,758 | ..... |
| Crab Creek..... | 889,050 | 5,415 | 853,635 | ..... |
| Yakima River and tributaries..... | 14,849,630 | 1,968,555 | 12,881,134 | 654.3 |
| Yakima River direct..... | 13,912,727 | 1,580,195 | 12,332,532 | 780.4 |
| Wilson Creek..... | 45,875 | 17,925 | 27,350 | 155.9 |
| Naches River..... | 458,027 | 276,223 | 181,804 | 65.8 |
| Ahtanum Creek..... | 88,443 | 14,950 | 73,493 | 491.6 |
| Other tributaries of Yakima River..... | 344,617 | 279,262 | 265,355 | 884.8 |
| Snake River and tributaries..... | 1,398,296 | 109,853 | 1,288,443 | ..... |
| Snake River direct..... | 471,772 | 1,080 | 470,602 | ..... |
| Grande Ronde River..... | 5,562 | (2) | 5,562 | ..... |
| Asotin Creek..... | 606,084 | 94,100 | 511,984 | 544.1 |
| Pataha River..... | 47,085 | 1,905 | 45,180 | ..... |
| Palouse River..... | 175,100 | 2,810 | 172,290 | ..... |
| Other tributaries of Snake River..... | 92,893 | 2,958 | 82,785 | 830.8 |
| Walla Walla River..... | 890,980 | 27,022 | 803,958 | ..... |
| Klickitat River..... | 64,423 | 1,882 | 62,541 | ..... |
| White Salmon River..... | 91,786 | 6,700 | 85,086 | ..... |
| Other tributaries of Columbia River..... | 1,790,288 | 44,850 | 1,745,498 | ..... |
| Independent streams..... | 308,393 | 11,245 | 297,145 | ..... |
| Dungeness River..... | 94,010 | 8,000 | 86,010 | ..... |
| McDowell Creek..... | ..... | 2,000 | -2,000 | ..... |
| Other independent streams..... | 214,383 | 8,125 | 213,138 | ..... |

¹ A minus sign (—) denotes decrease. Per cent not shown when more than 1,000.

² Not reported separately in 1902.

³ Includes springs and wells.

In classifying capital invested by type of enterprise (Table 12) the average capital invested per acre is not presented, for the reason that the United States Reclamation Service supplies stored water to enterprises

controlled by agencies of most of the other classes shown in the table, and a part of its expenditure is properly chargeable to those lands; but it is not possible to distribute this among the classes, because the area receiving water varies from season to season.

TABLE 12.—CAPITAL INVESTED, 1920, AND COST OF OPERATION AND MAINTENANCE, 1919, CLASSIFIED BY CHARACTER OF ENTERPRISE.

[When water is pumped, cost of operation and maintenance includes cost of fuel and attendance.]

| CLASS. | CAPITAL INVESTED, 1920. | | OPERATION AND MAINTENANCE, 1919. | |
|----------------------------------|-------------------------|--------------------|--|-------------------------------------|
| | Amount. | Per cent of total. | Area for which cost is reported (acres). | Average cost per acre. ¹ |
| Total | \$29,299,011 | 100.0 | 495,758 | \$3.45 |
| Individual and partnership | 4,732,706 | 16.2 | 84,405 | 6.02 |
| Cooperative..... | 3,949,596 | 13.5 | 87,791 | 2.33 |
| Irrigation district..... | 6,112,628 | 20.9 | 79,615 | 5.73 |
| Commercial..... | 2,341,428 | 8.0 | 21,585 | 5.96 |
| U. S. Reclamation Service..... | 10,441,145 | 35.6 | 122,849 | 1.89 |
| U. S. Indian Service..... | 1,658,040 | 5.7 | 69,510 | 1.03 |
| State..... | 59,668 | 0.2 | ..... | ..... |
| Other..... | 7,500 | (2) | ..... | ..... |

¹ Based on area irrigated in 1919.

² Less than one-tenth of 1 per cent.

DRAINAGE OF IRRIGATED LAND.

The acreages reported in Table 13 relate to lands within the boundaries of irrigation projects, and do not include lands within the vicinity of these projects. "Additional acreage needing drainage" includes all lands so reported by the owners of the enterprises, and includes lands producing partial crops as well as those wholly unproductive.

TABLE 13.—ACREAGE WITHIN IRRIGATION ENTERPRISES FOR WHICH DRAINS HAVE BEEN INSTALLED AND ADDITIONAL ACREAGE IN NEED OF DRAINAGE: 1920.

Number of enterprises reporting land drained or needing drainage..... 103
Acreage included in enterprises reporting land drained or needing drainage..... 218,763
Acreage for which drains have been installed..... 79,168
Additional acreage needing drainage..... 43,461
Per cent that acreage for which drains have been installed is of total acreage included in enterprises reporting drainage..... 36.2
Per cent that acreage for which drains have been installed is of total acreage included in irrigation enterprises in the state..... 9.5
Per cent that acreage for which drains have been installed plus that needing drainage is of total acreage included in irrigation enterprises in the state..... 14.6

QUANTITY OF WATER USED.

The quantity of water used in 1919 was reported on only part of the irrigation schedules, and the figures given vary greatly. In order that proper values may be assigned to the figures given, those representing measurements and those representing estimates are reported separately in Table 14. While the data are incomplete, the reports represent sufficient acreages to serve as bases for reliable averages.

TABLE 14.—QUANTITY OF WATER USED IN 1919.

| ITEM. | Total. | Measured. | Not measured. |
|---|-----------|-----------|---------------|
| Average volume entering canals..... second-feet..... | 8,827 | 4,827 | 4,000 |
| Area irrigated in 1919..... acres..... | 376,270 | 280,363 | 95,907 |
| Average number of acres per second-foot..... | 43 | 58 | 24 |
| Total quantity entering canals..... acre-feet..... | 2,168,518 | 1,513,616 | 655,202 |
| Area irrigated in 1919..... acres..... | 341,569 | 264,558 | 77,011 |
| Average quantity per acre..... acre-feet..... | 0.3 | 5.7 | 8.5 |
| Total quantity of water delivered..... acre-feet..... | 594,479 | 139,232 | 455,247 |
| Area irrigated in 1919..... acres..... | 174,939 | 77,235 | 97,754 |
| Average quantity per acre..... acre-feet..... | 3.4 | 1.8 | 4.6 |

IRRIGATION—WASHINGTON.

IRRIGATION WORKS.

TABLE 15.—IRRIGATION WORKS, CLASSIFIED BY DATE OF BEGINNING.

| DATE OF BEGINNING. | Number of diverting dams. | Number of storage dams. | MAIN DITCHES. | | | LATERAL DITCHES. | | RESERVOIRS. | |
|--------------------|---------------------------|-------------------------|---------------|-------------------------|-----------------|------------------|-----------------|-------------|-----------------------|
| | | | Number. | Capacity (second-feet). | Length (miles). | Number. | Length (miles). | Number. | Capacity (acre-feet). |
| Total..... | 579 | 115 | 1,873 | 16,242 | 3,851 | 3,179 | 1,764 | 205 | 477,789 |
| Before 1860..... | 1 | 6 | 11 | 3 | 3 | 56 | 4 | ----- | ----- |
| 1860-1869..... | 5 | 12 | 51 | 14 | 85 | ----- | ----- | ----- | ----- |
| 1870-1879..... | 33 | 92 | 512 | 120 | 85 | 4 | 1 | 10 | 10 |
| 1880-1889..... | 58 | 234 | 2,243 | 429 | 138 | 63 | 8 | 1,510 | 1,510 |
| 1890-1899..... | 122 | 321 | 3,993 | 550 | 1,466 | 325 | 25 | 801 | 801 |
| 1900-1904..... | 78 | 241 | 1,814 | 392 | 187 | 37 | 20 | 4,752 | 4,752 |
| 1905-1909..... | 91 | 232 | 3,999 | 529 | 729 | 1,172 | 59 | 68,191 | 68,191 |
| 1910-1914..... | 53 | 231 | 1,235 | 316 | 348 | 57 | 55 | 380,416 | 380,416 |
| 1915-1919..... | 43 | 166 | 1,241 | 256 | 144 | 79 | 30 | 10,849 | 10,849 |
| Not reported..... | 95 | 335 | 1,143 | 1,242 | 46 | 23 | 7 | 1,200 | 1,200 |

| DATE OF BEGINNING. | Pipelines, length (miles). | FLOWING WELLS. | | PUMPED WELLS. | | PUMPING PLANTS. | | | |
|--------------------|----------------------------|----------------|--------------------------------|---------------|--------------------------------|-----------------|--------------------------------|---------|--------------------------------|
| | | Number. | Capacity (gallons per minute). | Number. | Capacity (gallons per minute). | Number. | Engine capacity (horse-power). | Number. | Capacity (gallons per minute). |
| Total..... | 790.0 | 60 | 14,925 | 520 | 227,744 | 975 | 22,929 | 1,059 | 636,552 |
| Before 1860..... | 1.7 | ----- | ----- | 2 | 1,050 | 3 | 72 | 3 | 930 |
| 1860-1869..... | 0.5 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| 1870-1879..... | 1.1 | ----- | ----- | 2 | 500 | 3 | 20 | 3 | 1,000 |
| 1880-1889..... | 16.0 | ----- | ----- | 1 | 470 | 7 | 116 | 9 | 5,230 |
| 1890-1899..... | 63.8 | 7 | 1,150 | 14 | 2,245 | 31 | 278 | 33 | 25,105 |
| 1900-1904..... | 44.1 | 4 | 1,075 | 21 | 5,886 | 50 | 757 | 50 | 16,819 |
| 1905-1909..... | 373.3 | 3 | 1,000 | 72 | 63,736 | 148 | 12,411 | 190 | 302,458 |
| 1910-1914..... | 143.5 | 17 | 1,950 | 186 | 83,117 | 316 | 4,705 | 344 | 131,465 |
| 1915-1919..... | 109.9 | 8 | 5,460 | 142 | 36,555 | 286 | 3,332 | 296 | 106,920 |
| Not reported..... | 36.1 | 21 | 4,230 | 80 | 34,135 | 131 | 1,238 | 131 | 46,538 |

TABLE 16.—IRRIGATION WORKS, CLASSIFIED BY CHARACTER OF ENTERPRISE: 1920.

| CLASS. | Number of diverting dams. | Number of storage dams. | MAIN DITCHES. | | | LATERAL DITCHES. | | RESERVOIRS. | |
|---------------------------------|---------------------------|-------------------------|---------------|-------------------------|-----------------|------------------|-----------------|-------------|-----------------------|
| | | | Number. | Capacity (second-feet). | Length (miles). | Number. | Length (miles). | Number. | Capacity (acre-feet). |
| Total..... | 579 | 115 | 1,873 | 16,242 | 3,851 | 3,179 | 1,764 | 205 | 477,789 |
| Individual and partnership..... | 498 | 87 | 1,694 | 6,611 | 2,578 | 2,307 | 229 | 171 | 4,647 |
| Cooperative..... | 48 | 8 | 108 | 2,777 | 522 | 250 | 272 | 10 | 12,050 |
| Irrigation district..... | 20 | 3 | 35 | 2,347 | 424 | 232 | 130 | 5 | 7,984 |
| Commercial..... | 6 | 8 | 14 | 1,061 | 118 | 12 | 9 | 9,607 | 9,607 |
| U. S. Indian Service..... | 3 | 1 | 9 | 1,720 | 83 | 26 | 192 | 1 | 3,500 |
| U. S. Reclamation Service..... | 3 | 8 | 11 | 1,716 | 124 | 350 | 890 | 7 | 440,000 |
| State..... | 1 | ----- | 2 | 10 | 2 | 2 | 1 | 2 | 1 |
| Other and not reported..... | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |

| CLASS. | Pipelines, length (miles). | FLOWING WELLS. | | PUMPED WELLS. | | PUMPING PLANTS. | | | |
|---------------------------------|----------------------------|----------------|--------------------------------|---------------|--------------------------------|-----------------|--------------------------------|---------|--------------------------------|
| | | Number. | Capacity (gallons per minute). | Number. | Capacity (gallons per minute). | Number. | Engine capacity (horse-power). | Number. | Capacity (gallons per minute). |
| Total..... | 790.0 | 60 | 14,925 | 520 | 227,744 | 975 | 22,929 | 1,059 | 636,552 |
| Individual and partnership..... | 355.5 | 60 | 14,925 | 484 | 164,588 | 914 | 10,290 | 965 | 347,349 |
| Cooperative..... | 131.3 | 26 | 60,138 | 29 | 4,048 | 40 | 97,138 | ----- | ----- |
| Irrigation district..... | 93.5 | 1 | 1,500 | 14 | 3,935 | 23 | 31,295 | ----- | ----- |
| Commercial..... | 73.3 | 6 | 870 | 10 | 1,771 | 11 | 78,520 | ----- | ----- |
| U. S. Indian Service..... | 2.3 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| U. S. Reclamation Service..... | 129.4 | 3 | 650 | 4 | 2,735 | 14 | 62,200 | ----- | ----- |
| State..... | 2.8 | 2 | ----- | 2 | 85 | 4 | 18,650 | ----- | ----- |
| Other and not reported..... | 1.9 | 2 | ----- | 2 | 65 | 2 | 1,400 | ----- | ----- |

IRRIGATION—WASHINGTON

TABLE 17.—IRRIGATION WORKS, CLASSIFIED BY DRAINAGE BASIN: 1920

| DRAINAGE BASIN. | Number of diverting dams. | Number of storage dams. | MAIN DITCHES. | | | LATERAL DITCHES. | | RESERVOIRS. | |
|--|---------------------------|-------------------------|---------------|-------------------------|-----------------|------------------|-----------------|-------------|-----------------------|
| | | | Number. | Capacity (second-feet). | Length (miles). | Number. | Length (miles). | Number. | Capacity (acre-feet). |
| | | | | | | | | | |
| Total..... | 579 | 115 | 1,873 | 16,242 | 3,851 | 3,179 | 1,764 | 205 | 477,782 |
| Columbia River and tributaries..... | 570 | 113 | 1,858 | 15,607 | 3,801 | 3,086 | 1,718 | 198 | 477,782 |
| Columbia River direct..... | 9 | 18 | 95 | 630 | 154 | 174 | 44 | 38 | 1,525 |
| Clark Fork..... | 5 | 1 | 23 | 99 | 12 | 1 | 3 | 3 | 50 |
| Colville River..... | 40 | 1 | 101 | 393 | 174 | 131 | 21 | 3 | 5,662 |
| Spokane River..... | 15 | 8 | 61 | 802 | 101 | 74 | 134 | 31 | 5,375 |
| Okanogan River and tributaries..... | 12 | 11 | 124 | 562 | 158 | 69 | 132 | 19 | 24,136 |
| Okanogan River direct..... | 1 | 3 | 39 | 45 | 24 | 25 | 4 | 8 | 2,211 |
| Salmon Creek (Concomly)..... | 1 | 3 | 15 | 143 | 32 | 3 | 67 | 5 | 16,550 |
| Other tributaries of Okanogan River..... | 10 | 5 | 70 | 364 | 102 | 41 | 61 | 6 | 5,375 |
| Methow River..... | 52 | 11 | 166 | 1,230 | 231 | 59 | 45 | 19 | 209 |
| Entiat River..... | 5 | 1 | 32 | 85 | 41 | 66 | 18 | 8 | 2,000 |
| Wenatchee River..... | 41 | 6 | 87 | 553 | 195 | 18 | 9 | 10 | 4,500 |
| Crab Creek..... | 24 | 9 | 67 | 100 | 34 | 15 | 50 | 2 | 10 |
| Yakima River and tributaries..... | 105 | 10 | 450 | 7,466 | 1,070 | 477 | 1,156 | 19 | 423,810 |
| Yakima River direct..... | 12 | 7 | 88 | 4,823 | 473 | 446 | 1,079 | 7 | 423,800 |
| Wilson Creek..... | 20 | | 50 | 163 | 62 | 6 | 5 | 1 | 10 |
| Naches River..... | 2 | | 63 | 724 | 113 | 7 | 21 | | |
| Ahtanum Creek..... | 15 | | 49 | 150 | 82 | 3 | 1 | | |
| Other tributaries of Yakima River..... | 61 | 3 | 208 | 1,596 | 340 | 15 | 50 | 2 | 10 |
| Snake River and tributaries..... | 48 | 9 | 115 | 1,075 | 120 | 261 | 17 | 9 | 107 |
| Snake River direct..... | 1 | 2 | 25 | 427 | 36 | 187 | 5 | 4 | 3 |
| Grande Ronde River..... | 4 | | 7 | 11 | 8 | 1 | | 1 | |
| Asotin Creek..... | 2 | 1 | 1 | 1 | | | | 1 | 100 |
| Pataha River..... | 10 | | 33 | 377 | 24 | 31 | 1 | 1 | |
| Palouse River..... | 13 | 5 | 21 | 219 | 31 | 42 | 11 | 2 | 4 |
| Other tributaries of Snake River..... | 18 | 1 | 28 | 40 | 21 | | | 1 | |
| Walla Walla River..... | 135 | 7 | 242 | 1,049 | 1,065 | 1,574 | 93 | 4 | |
| Klickitat River..... | 19 | | 30 | 352 | 66 | 17 | 4 | | |
| White Salmon River..... | 19 | 3 | 28 | 478 | 99 | 21 | 15 | 3 | |
| Other tributaries of Columbia River..... | 41 | 18 | 228 | 723 | 281 | 144 | 30 | 41 | 15,781 |
| Independent streams..... | 9 | 2 | 15 | 635 | 50 | 93 | 46 | 7 | 4 |
| Dungeness River..... | 6 | | 7 | 570 | 36 | 75 | 32 | | |
| Other independent streams..... | 3 | 2 | 8 | 65 | 14 | 18 | 14 | 7 | 4 |

| DRAINAGE BASIN. | PIPE LINES, Length (miles). | FLOWING WELLS. | | PUMPED WELLS. | | PUMPING PLANTS. | | | | |
|--|-----------------------------------|----------------|---|---------------|---|-----------------|--|---------|---|----|
| | | Number. | Capacity (gallons per minute). | Number. | Capacity (gallons per minute). | Number. | Engine capacity (horse- power). | Pumps. | | |
| | | | | | | | | Number. | Capacity (gallons per minute). | |
| Total..... | 790.0 | 60 | 14,925 | 520 | 227,744 | 975 | 22,929 | 1,059 | 636,552 | 60 |
| Columbia River and tributaries..... | 785.9 | 59 | 14,925 | 517 | 227,624 | 986 | 22,901 | 1,050 | 635,735 | 67 |
| Columbia River direct..... | 102.2 | 8 | 4,390 | 166 | 58,223 | 323 | 6,451 | 347 | 231,463 | 67 |
| Clark Fork..... | 1.0 | | | | | 5 | 23 | 5 | 8,450 | 55 |
| Colville River..... | 14.6 | | | 1 | 40 | | | | | |
| Spokane River..... | 132.7 | | | 47 | 58,504 | 83 | 3,476 | 93 | 68,643 | 79 |
| Okanogan River and tributaries..... | 20.9 | | | 48 | 13,278 | 111 | 1,599 | 119 | 47,993 | 40 |
| Okanogan River direct..... | 14.9 | | | 44 | 12,428 | 97 | 930 | 104 | 38,258 | 40 |
| Salmon Creek (Conconully)..... | 0.6 | | | | | 5 | 607 | 6 | 7,385 | 58 |
| Other tributaries of Okanogan River..... | 5.4 | | | 4 | 850 | 9 | 62 | 9 | 2,380 | 26 |
| Methow River..... | 4.8 | 1 | | 2 | 115 | 9 | 44 | 9 | 1,318 | 56 |
| Entiat River..... | 1.5 | | | | | 4 | 18 | 4 | 310 | 59 |
| Wenatchee River..... | 26.0 | | | 7 | 1,300 | 40 | 337 | 40 | 21,114 | 67 |
| Crab Creek..... | 34.9 | 3 | 60 | 111 | 38,285 | 187 | 2,321 | 145 | 66,270 | 65 |
| Yakima River and tributaries..... | 161.1 | 3 | 285 | 45 | 9,680 | 74 | 3,492 | 87 | 78,975 | 38 |
| Yakima River direct..... | 154.6 | 3 | 285 | 41 | 7,870 | 68 | 3,447 | 78 | 75,715 | 39 |
| Wilson Creek..... | 1.0 | | | | | | | | | |
| Naches River..... | 4.1 | | | 1 | 385 | 2 | 8 | 3 | 1,285 | 55 |
| Ahtanum Creek..... | 1.4 | | | 1 | 125 | 1 | 2 | 1 | 125 | 18 |
| Other tributaries of Yakima River..... | 1.4 | | | 2 | 1,350 | 5 | 35 | 5 | 1,850 | 18 |
| Snake River and tributaries..... | 94.1 | 8 | 1,100 | 37 | 13,365 | 64 | 3,559 | 74 | 47,849 | 46 |
| Snake River direct..... | 93.6 | | | 35 | 13,015 | 50 | 3,188 | 58 | 33,177 | 46 |
| Grande Ronde River..... | | | | | | | | | | |
| Asotin Creek..... | 48.0 | | | | | | | | | |
| Pataha River..... | 1.0 | | | 2 | 350 | 3 | 37 | 3 | 3,250 | 53 |
| Palouse River..... | 1.4 | 8 | 1,100 | | | 2 | 40 | 3 | 4,400 | 16 |
| Other tributaries of Snake River..... | 10.1 | | | | | 9 | 296 | 10 | 7,022 | 52 |
| Walla Walla River..... | 56.4 | 33 | 6,090 | 36 | 32,510 | 53 | 691 | 62 | 20,840 | 21 |
| Klickitat River..... | 2.5 | | | | | 5 | 26 | 5 | 3,875 | 28 |
| White Salmon River..... | 2.5 | | | 2 | 24 | 4 | 42 | 4 | 320 | 83 |
| Other tributaries of Columbia River..... | 70.7 | 3 | 3,010 | 15 | 4,300 | 54 | 832 | 56 | 38,315 | 97 |
| Independent streams..... | 4.1 | 1 | | 3 | 120 | 9 | 28 | 9 | 817 | 54 |
| Dungeness River..... | 1.0 | | | | | | | | | |
| McDowell Creek..... | 3.1 | | | | | | | | | |
| Other independent streams..... | | 1 | | 3 | 120 | 9 | 28 | 9 | 817 | 54 |

IRRIGATION—WASHINGTON.

CROPS.

TABLE 18.—ACREAGE, YIELD, AND VALUE OF CROPS GROWN ON IRRIGATED LAND, AND COMPARISONS WITH TOTALS FOR THE STATE: 1919 AND 1909.

(Totals for the state, used in making comparisons, are shown in state bulletin on agriculture.)

| CBOP. | AREA HARVESTED. | | | | | QUANTITY HARVESTED. | | | | | Per cent of increase, ¹ | |
|-------------------------------------|-----------------|------------------------------|------------------|------------------------------|------------------------------------|---------------------|------------|------------------------------|------------------|------------------------------|------------------------------------|--|
| | 1919 | | 1909 | | Per cent of increase, ¹ | Unit. | 1919 | | 1909 | | | |
| | Acres. | Per cent of total for state. | Acres. | Per cent of total for state. | | | Amount. | Per cent of total for state. | Amount. | Per cent of total for state. | | |
| Gereals: | | | | | | | | | | | | |
| Corn..... | 13,263 | 38.1 | 2,464 | 9.5 | 438.3 | Bu.... | 487,154 | 54.0 | 87,357 | 15.5 | 457.7 | |
| Oats..... | 7,215 | 3.8 | 6,690 | 2.5 | 7.8 | Bu.... | 387,056 | 4.2 | 330,587 | 2.5 | 2.0 | |
| Winter wheat..... | 8,236 | 0.7 | 6,720 | 0.3 | 553.7 | Bu.... | 154,116 | 0.6 | 188,855 | 0.5 | 70.6 | |
| Spring wheat..... | 35,694 | 2.7 | | | | Bu.... | 923,493 | 5.4 | | | | |
| Barley..... | 5,761 | 6.8 | 1,738 | 1.0 | 231.5 | Bu.... | 193,562 | 8.6 | 49,143 | 0.8 | 233.9 | |
| Rye..... | 544 | 1.3 | (²) | | | Bu.... | 5,646 | 2.4 | (²) | | | |
| Hay and forage: | | | | | | | | | | | | |
| Timothy alone..... | 8,142 | 16.1 | 17,326 | 19.6 | -53.0 | Tons.... | 15,466 | 19.5 | 33,642 | 23.5 | -54.0 | |
| Timothy and clover mixed..... | 8,647 | 6.0 | 7,704 | 6.4 | 12.2 | Tons.... | 18,140 | 5.9 | 20,991 | 8.3 | -13.6 | |
| Clover alone..... | 2,254 | 12.7 | 791 | 7.3 | 183.9 | Tons.... | 4,128 | 11.1 | 2,136 | 9.7 | 93.3 | |
| Alfalfa..... | 148,409 | 64.9 | 74,496 | 78.5 | 99.2 | Tons.... | 494,066 | 75.3 | 296,614 | 82.9 | 66.6 | |
| Other tame grasses..... | 17,014 | 32.7 | 1,054 | 3.6 | | Tons.... | 35,054 | 38.6 | 1,625 | 3.8 | | |
| Small grains cut for hay..... | 11,650 | 2.4 | 5,340 | 1.5 | 118.2 | Tons.... | 15,214 | 2.8 | 9,417 | 1.9 | 61.6 | |
| Wild, salt, or prairie grasses..... | 1,047 | 3.5 | 2,800 | 9.9 | -62.6 | Tons.... | 2,075 | 6.2 | 4,891 | 16.0 | -57.6 | |
| Corn cut for forage..... | 2,001 | 8.1 | (²) | | | Tons.... | 6,046 | 14.8 | (²) | | | |
| Silage crops..... | 2,645 | 11.7 | (²) | | | Tons.... | 23,762 | 15.3 | (²) | | | |
| Root crops for forage..... | 628 | 8.5 | (²) | | | Tons.... | 2,619 | 3.9 | (²) | | | |
| Vegetables: | | | | | | | | | | | | |
| Potatoes..... | 8,180 | 14.8 | 9,178 | 15.9 | -10.8 | Bu.... | 1,526,353 | 26.0 | 1,532,915 | 20.0 | -0.4 | |
| Fruits: | | | | | | | | | | | | |
| Grapes..... | 8 118,892 | 25.4 | (²) | | | Lbs.... | 1,410,072 | 35.6 | (²) | | | |
| Apples..... | 4 633,119 | 58.2 | (²) | | | Bu.... | 15,823,446 | 70.4 | (²) | | | |
| Peaches..... | 4 455,526 | 70.2 | (²) | | | Bu.... | 1,259,176 | 81.5 | (²) | | | |
| Pears..... | 4 530,834 | 61.2 | (²) | | | Bu.... | 1,236,330 | 71.5 | (²) | | | |
| Plums and prunes..... | 4 75,084 | 8.6 | (²) | | | Bu.... | 127,042 | 16.2 | (²) | | | |
| Miscellaneous: | | | | | | | | | | | | |
| Sugar beets grown for sugar..... | 4,635 | 86.4 | 246 | 19.4 | | Tons.... | 40,286 | 86.8 | 244 | 3.7 | | |
| Red clover seed..... | 897 | 77.3 | (²) | | | Bu.... | 3,925 | 89.2 | (²) | | | |
| Hops..... | 507 | 44.9 | (²) | | | Lbs.... | 870,709 | 53.9 | (²) | | | |

| CBOP. | AVERAGE YIELD PER ACRE, 1919. | | | | | VALUE. | | | | | Per cent of increase, ¹ | |
|-------------------------------------|-------------------------------|------------|------------------------|--------------------|--------------------------------|--|------------|------------------------------|------------------|------------------------------|------------------------------------|--|
| | Unit. | For state. | On non-irrigated land. | On irrigated land. | | | 1919 | | 1909 | | | |
| | | | | Average. | Per cent of average for state. | Per cent of average on non-irrigated land. | Amount. | Per cent of total for state. | Amount. | Per cent of total for state. | | |
| Cereals: | | | | | | | | | | | | |
| Corn..... | Bu.... | 25.9 | 19.3 | 36.7 | 141.7 | 191.1 | \$876,877 | 54.0 | \$65,965 | 16.3 | | |
| Oats..... | Bu.... | 42.1 | 41.9 | 46.7 | 110.9 | 111.4 | 337,056 | 4.2 | 163,948 | 2.8 | 105.6 | |
| Winter wheat..... | Bu.... | 21.1 | 21.1 | 18.7 | 85.3 | 85.3 | 324,201 | 0.6 | | | | |
| Spring wheat..... | Bu.... | 13.0 | 12.6 | 25.9 | 199.2 | 205.6 | 2,013,215 | 5.4 | 173,221 | 0.5 | | |
| Barley..... | Bu.... | 26.6 | 26.1 | 33.6 | 126.3 | 128.7 | 290,352 | 8.6 | 80,474 | 0.9 | 352.8 | |
| Rye..... | Bu.... | 5.5 | 5.4 | 10.4 | 189.1 | 192.6 | 11,292 | 2.5 | (²) | | | |
| Hay and forage: | | | | | | | | | | | | |
| Timothy alone..... | Tons.... | 1.6 | 1.5 | 1.9 | 118.8 | 126.7 | 463,960 | 19.5 | 536,944 | 24.8 | -13.6 | |
| Timothy and clover mixed..... | Tons.... | 2.1 | 2.1 | 2.1 | 100.0 | 100.0 | 444,430 | 5.9 | 325,758 | 9.0 | 36.4 | |
| Clover alone..... | Tons.... | 2.1 | 2.1 | 1.8 | 85.7 | 85.7 | 99,072 | 11.1 | 25,684 | 8.7 | 285.7 | |
| Alfalfa..... | Tons.... | 2.9 | 2.0 | 3.3 | 113.8 | 143.5 | 11,857,584 | 75.3 | 3,156,699 | 80.1 | 275.6 | |
| Other tame grasses..... | Tons.... | 1.7 | 1.8 | 2.1 | 143.5 | 131.2 | 735,378 | 38.1 | 22,325 | 3.7 | | |
| Small grains cut for hay..... | Tons.... | 1.1 | 1.1 | 1.3 | 118.2 | 118.2 | 418,385 | 2.8 | 123,354 | 2.0 | 239.2 | |
| Wild, salt, or prairie grasses..... | Tons.... | 1.1 | 1.1 | 2.0 | 181.8 | 181.8 | 39,425 | 6.3 | 65,124 | 21.9 | -39.5 | |
| Corn cut for forage..... | Tons.... | 1.6 | 1.5 | 3.0 | 187.5 | 200.0 | 78,598 | 14.8 | | | | |
| Silage crops..... | Tons.... | 6.9 | 6.6 | 9.0 | 130.4 | 136.4 | 261,832 | 15.3 | | | | |
| Root crops for forage..... | Tons.... | 9.0 | 9.5 | 4.2 | 46.7 | 44.2 | 55,104 | 3.9 | | | | |
| Vegetables: | | | | | | | | | | | | |
| Potatoes..... | Bu.... | 106.4 | 92.5 | 186.5 | 175.2 | 201.7 | 3,205,341 | 26.0 | 505,887 | 16.9 | 533.6 | |
| Fruits: | | | | | | | | | | | | |
| Grapes..... | Lbs.... | 5 8.5 | 5 7.3 | 6 11.9 | 140.0 | 163.0 | 112,806 | 35.6 | (²) | | | |
| Apples..... | Bu.... | 6 2.8 | 6 1.7 | 6 3.4 | 121.4 | 170.0 | 13,697,378 | 46.9 | (²) | | | |
| Peaches..... | Bu.... | 6 2.4 | 6 1.5 | 6 2.8 | 116.7 | 186.7 | 2,707,228 | 81.5 | (²) | | | |
| Pears..... | Bu.... | 6 2.0 | 6 1.5 | 6 2.8 | 115.0 | 153.3 | 580,118 | 19.2 | (²) | | | |
| Plums and prunes..... | Bu.... | 6 0.9 | 6 0.8 | 6 1.7 | 188.9 | 212.5 | 247,732 | 16.2 | (²) | | | |
| Miscellaneous: | | | | | | | | | | | | |
| Sugar beets grown for sugar..... | Tons.... | 8.6 | 8.4 | 8.7 | 101.2 | 103.6 | 425,089 | 86.8 | 1,755 | 4.6 | | |
| Red clover seed..... | Bu.... | 3.8 | 1.8 | 4.4 | 115.8 | 244.4 | 117,750 | 89.2 | (²) | | | |
| Hops..... | Lbs.... | 1,431.1 | 1,197.7 | 1,717.5 | 120.0 | 143.4 | 391,846 | 53.9 | (²) | | | |

¹ A minus sign (—) denotes decrease. Per cent not shown when more than 1,000.² Not reported separately in 1909.³ Number of vines of bearing age.⁴ Number of trees of bearing age.⁵ Yield per vine.⁶ Yield per tree.

IRRIGATION—WASHINGTON.

89

COUNTY TABLE.—ACREAGE IRRIGATED, 1919 AND 1909; AND ACREAGE IN ENTERPRISES, IRRIGATION WORKS, AND CAPITAL INVESTED IN IRRIGATION ENTERPRISES, 1920 AND 1910.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100.]

| | | THE STATE. | Adams. | Asotin. | Benton. | Chelan. | Clallam. | Colum- bia. |
|----|---|------------|-----------|-----------|-----------|-----------|-----------|----------------|
| 1 | Number of all farms in 1920..... | 66,288 | 1,084 | 578 | 1,519 | 2,095 | 607 | 622 |
| 2 | Number of farms irrigated in 1919..... | 13,271 | 8 | 279 | 1,294 | 1,704 | 125 | 93 |
| 3 | Per cent of all farms..... | 20.0 | 0.7 | 48.3 | 85.2 | 81.3 | 20.6 | 35.0 |
| 4 | Number of farms irrigated in 1909..... | 7,664 | 20 | 238 | 768 | 1,189 | 77 | 56 |
| 5 | Per cent of increase, 1909-1919..... | 73.2 | | 17.2 | 68.5 | 43.3 | | |
| | LAND AND FARM AREA. | | | | | | | |
| 6 | Approximate land area.....acres. | 42,775,040 | 1,223,680 | 387,840 | 1,069,440 | 1,856,000 | 1,104,640 | 549,120 |
| 7 | All land in farms.....acres. | 13,244,720 | 938,395 | 259,233 | 371,811 | 235,521 | 58,043 | 320,330 |
| 8 | Improved land in farms.....acres. | 7,129,343 | 727,876 | 96,404 | 201,678 | 65,810 | 20,132 | 192,613 |
| 9 | Area irrigated in 1919.....acres. | 529,899 | 943 | 3,474 | 39,272 | 88,894 | 6,160 | 2,168 |
| 10 | Per cent of improved land in farms..... | 7.4 | 0.1 | 3.6 | 19.5 | 59.1 | 30.6 | 1.1 |
| 11 | Area irrigated in 1909.....acres. | 334,378 | 1,523 | 3,179 | 23,437 | 23,020 | 4,265 | 2,174 |
| 12 | Per cent of increase, 1909-1919..... | 58.5 | -38.1 | 9.3 | 67.6 | 64.7 | 44.4 | -0.3 |
| 13 | Area enterprises were capable of irrigating in 1920.....acres. | 637,151 | 1,342 | 4,559 | 48,851 | 50,502 | 9,880 | 3,063 |
| 14 | Area enterprises were capable of irrigating in 1910.....acres. | 470,514 | 1,655 | 5,373 | 50,653 | 27,979 | 4,405 | 2,787 |
| 15 | Per cent of increase, 1910-1920..... | 35.4 | -18.9 | -15.1 | -3.6 | 80.5 | 123.8 | 9.5 |
| 16 | Area included in enterprises in 1920.....acres. | 836,795 | 1,737 | 4,684 | 72,015 | 65,324 | 12,600 | 3,532 |
| 17 | Area included in enterprises in 1910.....acres. | 817,032 | 5,123 | 9,844 | 87,384 | 53,497 | 9,975 | 3,922 |
| 18 | Per cent of increase, 1910-1920..... | 2.4 | -66.1 | -52.4 | -17.6 | 22.1 | 26.9 | -8.9 |
| 19 | Area of irrigated land reported as available for settlement.....acres. | 61,738 | | | 15,756 | 3,750 | 2,500 | |
| | IRRIGATION WORKS. | | | | | | | |
| 20 | Independent enterprises: | | | | | | | |
| 21 | Number, 1920..... | 2,692 | 26 | 21 | 146 | 379 | 7 | 52 |
| | Number, 1910..... | 1,934 | 19 | 22 | 74 | 280 | 7 | 42 |
| 22 | Main ditches: | | | | | | | |
| 23 | Number, 1920..... | 1,873 | 27 | 17 | 30 | 207 | 7 | 43 |
| 24 | Number, 1910..... | 1,600 | 12 | 18 | 50 | 227 | 7 | 43 |
| 25 | Length, 1920.....miles. | 3,851 | 19 | 16 | 151 | 394 | 36 | 36 |
| 26 | Length, 1910.....miles. | 2,594 | 24 | 40 | 130 | 357 | 17 | 36 |
| 27 | Capacity, 1920.....second-feet. | 16,242 | 203 | 38 | 982 | 1,100 | 570 | 697 |
| | Capacity, 1910.....second-feet. | 13,178 | 185 | 76 | 1,090 | 1,219 | 281 | 211 |
| 28 | Laterals: | | | | | | | |
| 29 | Number, 1920..... | 3,179 | 27 | 1 | 111 | 89 | 75 | 44 |
| 30 | Number, 1910..... | 1,180 | 8 | 10 | 70 | 132 | 19 | 30 |
| 31 | Length, 1920.....miles. | 1,764 | 8 | 185 | 30 | 32 | 15 | |
| | Length, 1910.....miles. | 1,298 | 7 | 64 | 110 | 122 | 19 | 4 |
| 32 | Reservoirs: | | | | | | | |
| 33 | Number, 1920..... | 205 | 4 | 1 | 36 | | | 1 |
| 34 | Number, 1910..... | 156 | 1 | 3 | 2 | 36 | | |
| 35 | Capacity, 1920.....acre-feet. | 477,789 | 4 | 100 | | 11,481 | | 1 |
| | Capacity, 1910.....acre-feet. | 121,543 | 10,000 | 1,160 | | 12,748 | | |
| 36 | Flowing wells: | | | | | | | |
| 37 | Number, 1920..... | 60 | 6 | 7 | 1 | | | |
| 38 | Number, 1910..... | 55 | | 4 | | | | |
| 39 | Capacity, 1920.....gallons per minute. | 14,925 | 160 | 6,200 | 10 | | | |
| | Capacity, 1910.....gallons per minute. | 18,926 | | 1,290 | | | | |
| 40 | Pumped wells: | | | | | | | |
| 41 | Number, 1920..... | 520 | 7 | 101 | 13 | | | 4 |
| 42 | Number, 1910..... | 128 | 5 | 31 | 8 | | | 1 |
| 43 | Capacity, 1920.....gallons per minute. | 227,744 | 5,160 | 38,807 | 1,775 | | | 130 |
| | Capacity, 1910.....gallons per minute. | 60,220 | 1,873 | 10,158 | 564 | | | 1,500 |
| 44 | Pumping plants: | | | | | | | |
| 45 | Number, 1920..... | 975 | 12 | 1 | 144 | 138 | | 7 |
| 46 | Number, 1910..... | 391 | 8 | 1 | 84 | 54 | | 3 |
| 47 | Engine capacity, 1920.....horsepower. | 22,929 | 143 | 5 | 4,555 | 1,415 | | 23 |
| 48 | Engine capacity, 1910.....horsepower. | 13,847 | 133 | 2 | 5,894 | 2,624 | | 38 |
| 49 | Pump capacity, 1920.....gallons per minute. | 636,552 | 10,042 | 163,928 | 45,853 | | | 355 |
| 50 | Pump capacity, 1910.....gallons per minute. | 385,411 | 3,223 | 42 | 147,059 | 14,777 | | 1,620 |
| | Average lift, 1920.....feet. | 60 | 28 | 8 | 57 | 86 | | 18 |
| | CAPITAL INVESTED. | | | | | | | |
| 51 | Capital invested to Jan. 1, 1920.....dollars. | 29,299,011 | 77,350 | 627,165 | 2,387,113 | 3,503,670 | 94,010 | 61,447 |
| 52 | Capital invested to July 1, 1910.....dollars. | 16,219,149 | 171,946 | 1,662,958 | 3,211,498 | 889,182 | 18,900 | 16,027 |
| 53 | Per cent of increase, 1910-1920..... | 80.6 | -55.0 | -62.3 | -25.7 | 294.0 | 307.4 | 233.4 |
| 54 | Average cost per acre based on area enterprises were capable of supplying with water in 1920.....dollars. | 45.98 | 57.64 | 137.57 | 48.86 | 89.38 | 9.53 | 20.06 |
| 55 | Average cost per acre based on area enterprises were capable of supplying with water in 1910.....dollars. | 34.47 | 103.89 | 309.50 | 63.40 | 31.78 | 4.29 | 5.73 |
| | ESTIMATED FINAL COST. | | | | | | | |
| 56 | Estimated final cost of existing enterprises in 1920.....dollars. | 37,684,591 | 87,750 | 627,165 | 2,040,479 | 4,080,090 | 97,010 | 64,947 |
| 57 | Estimated final cost of existing enterprises in 1910.....dollars. | 22,322,856 | 171,946 | 1,662,958 | 3,565,877 | 1,340,835 | 18,900 | 16,027 |
| 58 | Per cent of increase, 1910-1920..... | 68.8 | -49.0 | -62.3 | -14.7 | 204.3 | 418.3 | 305.2 |
| 59 | Average cost per acre based on estimated final cost and area included in enterprises in 1920.....dollars. | 45.08 | 50.52 | 133.90 | 42.22 | 62.46 | 7.68 | 18.39 |
| 60 | Average cost per acre based on estimated final cost and area included in enterprises in 1910.....dollars. | 27.32 | 33.56 | 168.03 | 40.81 | 25.06 | 1.89 | 4.09 |

IRRIGATION—WASHINGTON.

COUNTY TABLE.—ACREAGE IRRIGATED, 1919 AND 1909; AND ACREAGE IN ENTERPRISES, IRRIGATION WORKS, AND CAPITAL INVESTED IN IRRIGATION ENTERPRISES, 1920 AND 1910—Continued.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.]

| | Douglas. | Ferry. | Franklin. | Garfield. | Grant. | Kittitas. | Klickitat. | Lincoln. |
|---|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|
| 1 Number of all farms in 1920..... | 1,623 | 730 | 414 | 413 | 1,110 | 928 | 1,177 | 1,80 |
| 2 Number of farms irrigated in 1919..... | 314 | 61 | 78 | 25 | 185 | 737 | 164 | 88 |
| 3 Per cent of all farms..... | 19.3 | 8.4 | 18.8 | 6.0 | 16.7 | 79.4 | 13.9 | 4.5 |
| 4 Number of farms irrigated in 1909..... | 148 | 20 | 21 | 54 | 49 | 639 | 169 | 77 |
| 5 Per cent of increase, 1909-1919..... | 115.1 | ..... | ..... | ..... | ..... | 15.3 | -3.0 | ..... |
| LAND AND FARM AREA. | | | | | | | | |
| 6 Approximate land area.....acres.. | 1,443,680 | 1,420,800 | 771,840 | 444,160 | 1,740,800 | 1,490,560 | 1,168,000 | 1,473,280 |
| 7 All land in farms.....acres.. | 892,223 | 162,888 | 456,056 | 314,182 | 743,518 | 215,918 | 562,331 | 1,329,405 |
| 8 Improved land in farms.....acres.. | 567,335 | 36,618 | 255,036 | 159,252 | 413,758 | 95,984 | 190,616 | 382,673 |
| 9 Area irrigated in 1919.....acres.. | 4,822 | 791 | 2,253 | 883 | 7,545 | 81,967 | 18,978 | 2,21 |
| 10 Per cent of improved land in farms..... | 0.8 | 2.2 | 0.9 | 0.6 | 1.8 | 85.4 | 10.0 | 0.3 |
| 11 Area irrigated in 1909.....acres.. | 3,317 | 397 | 830 | 1,316 | 3,230 | 65,892 | 4,681 | 2,217 |
| 12 Per cent of increase, 1909-1919..... | 45.4 | 99.2 | 171.4 | -32.9 | 133.6 | 19.0 | 305.4 | 0.2 |
| 13 Area enterprises were capable of irrigating in 1920.....acres.. | 4,938 | 2,253 | 10,014 | 1,552 | 9,302 | 83,552 | 21,360 | 2,88 |
| 14 Area enterprises were capable of irrigating in 1910.....acres.. | 8,365 | 4,258 | 1,276 | 1,728 | 8,501 | 72,348 | 7,461 | 2,404 |
| 15 Per cent of increase, 1910-1920..... | -41.0 | -47.1 | 684.8 | -10.2 | 9.4 | 15.5 | 186.3 | 18.1 |
| 16 Area included in enterprises in 1920.....acres.. | 8,756 | 7,421 | 14,268 | 1,698 | 12,806 | 87,775 | 32,315 | 3,21 |
| 17 Area included in enterprises in 1910.....acres.. | 12,826 | 5,271 | 2,113 | 2,283 | 14,456 | 92,940 | 18,590 | 2,935 |
| 18 Per cent of increase, 1910-1920..... | -31.7 | 40.8 | 575.2 | -25.6 | -11.4 | -5.6 | 73.8 | 12.1 |
| 19 Area of irrigated land reported as available for settlement.....acres.. | 1,603 | ..... | 10,500 | ..... | ..... | ..... | 500 | ..... |
| IRRIGATION WORKS. | | | | | | | | |
| Independent enterprises: | | | | | | | | |
| 20 Number, 1920..... | 86 | 45 | 48 | 36 | 172 | 223 | 93 | 54 |
| 21 Number, 1910..... | 45 | 20 | 21 | 47 | 43 | 257 | 115 | 48 |
| Main ditches: | | | | | | | | |
| 22 Number, 1920..... | 14 | 39 | 4 | 26 | 79 | 212 | 67 | 37 |
| 23 Number, 1910..... | 33 | 20 | 8 | 42 | 23 | 206 | 87 | 41 |
| 24 Length, 1920.....miles.. | 15 | 31 | 8 | 17 | 37 | 389 | 173 | 24 |
| 25 Length, 1910.....miles.. | 31 | 24 | 7 | 41 | 41 | 387 | 108 | 31 |
| 26 Capacity, 1920.....second-feet.. | 48 | 119 | 121 | 97 | 113 | 1,788 | 842 | 63 |
| 27 Capacity, 1910.....second-feet.. | 49 | 129 | 44 | 120 | 87 | 1,530 | 506 | 92 |
| Laterals: | | | | | | | | |
| 28 Number, 1920..... | 20 | 6 | 25 | 2 | 29 | 25 | 38 | 62 |
| 29 Number, 1910..... | 26 | 4 | 5 | 22 | 143 | 65 | 24 | 24 |
| 30 Length, 1920.....miles.. | 11 | 1 | 2 | 1 | 8 | 41 | 19 | 7 |
| 31 Length, 1910.....miles.. | 8 | 1 | 1 | 1 | 17 | 56 | 23 | 3 |
| Reservoirs: | | | | | | | | |
| 32 Number, 1920..... | 8 | 2 | 2 | 1 | 18 | 7 | 18 | 1 |
| 33 Number, 1910..... | 4 | 1 | 2 | 2 | 10 | 3 | 11 | 3 |
| 34 Capacity, 1920.....acre-feet.. | 151 | 2 | 4,519 | 4,519 | 384,810 | 415 | ..... | ..... |
| 35 Capacity, 1910.....acre-feet.. | 39 | 700 | 1 | 84 | 35,000 | 12 | ..... | ..... |
| Flowing wells: | | | | | | | | |
| 36 Number, 1920..... | 2 | 1 | ..... | 2 | ..... | 1 | ..... | ..... |
| 37 Number, 1910..... | 2 | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 38 Capacity, 1920.....gallons per minute.. | 190 | 1,000 | ..... | ..... | ..... | ..... | ..... | ..... |
| 39 Capacity, 1910.....gallons per minute.. | 25 | ..... | ..... | 7 | ..... | 14 | ..... | ..... |
| Pumped wells: | | | | | | | | |
| 40 Number, 1920..... | 22 | 3 | 31 | 1 | 132 | 1 | 2 | 9 |
| 41 Number, 1910..... | 1 | 1 | 5 | 14 | ..... | 12 | 5 | 5 |
| 42 Capacity, 1920.....gallons per minute.. | 6,865 | 1,000 | 13,080 | 250 | 39,770 | 200 | 24 | 8,785 |
| 43 Capacity, 1910.....gallons per minute.. | 850 | 13 | 1,345 | ..... | 2,000 | ..... | 278 | 450 |
| Pumping plants: | | | | | | | | |
| 44 Number, 1920..... | 55 | 3 | 50 | 7 | 164 | 9 | 12 | 20 |
| 45 Number, 1910..... | 18 | 2 | 22 | 5 | 26 | 8 | 10 | 8 |
| 46 Engine capacity, 1920.....horsepower.. | 1,452 | 9 | 1,100 | 242 | 3,084 | 103 | 104 | 361 |
| 47 Engine capacity, 1910.....horsepower.. | 406 | 12 | 298 | 90 | 417 | 207 | 45 | 134 |
| 48 Pump capacity, 1920.....gallons per minute.. | 38,760 | 153 | 38,473 | 7,750 | 76,924 | 12,575 | 6,100 | 11,895 |
| 49 Pump capacity, 1910.....gallons per minute.. | 12,713 | 278 | 12,335 | 2,680 | 23,785 | 11,700 | 919 | 3,110 |
| 50 Average lift, 1920.....feet.. | 95 | 12 | 48 | 76 | 79 | 24 | 46 | 63 |
| CAPITAL INVESTED. | | | | | | | | |
| 51 Capital invested to Jan. 1, 1920.....dollars.. | 382,390 | 66,050 | 362,390 | 32,700 | 1,192,739 | 4,678,707 | 198,501 | 87,431 |
| 52 Capital invested to July 1, 1910.....dollars.. | 488,941 | 37,406 | 36,561 | 23,503 | 166,510 | 681,168 | 73,434 | 28,434 |
| 53 Per cent of increase, 1910-1920..... | -21.8 | 76.6 | 801.2 | 39.1 | 616.3 | 586.9 | 170.3 | 207.5 |
| 54 Average cost per acre based on area enterprises were capable of supplying with water in 1920.....dollars.. | 77.44 | 29.32 | 36.10 | 21.07 | 128.22 | 56.00 | 9.29 | 30.81 |
| 55 Average cost per acre based on area enterprises were capable of supplying with water in 1910.....dollars.. | 58.45 | 8.78 | 28.65 | 13.60 | 19.50 | 9.42 | 9.84 | 11.83 |
| ESTIMATED FINAL COST. | | | | | | | | |
| 56 Estimated final cost of existing enterprises in 1920.....dollars.. | 402,008 | 66,950 | 637,390 | 36,000 | 1,301,729 | 5,908,707 | 206,851 | 88,431 |
| 57 Estimated final cost of existing enterprises in 1910.....dollars.. | 488,941 | 37,406 | 36,561 | 23,503 | 191,510 | 681,168 | 89,434 | 28,434 |
| 58 Per cent of increase, 1910-1920..... | -17.8 | 79.0 | ..... | 53.2 | 579.7 | 787.4 | 131.3 | 211.0 |
| 59 Average cost per acre based on estimated final cost and area included in enterprises in 1920.....dollars.. | 45.91 | 9.02 | 44.67 | 21.20 | 101.65 | 67.32 | 6.40 | 26.87 |
| 60 Average cost per acre based on estimated final cost and area included in enterprises in 1910.....dollars.. | 38.12 | 7.10 | 17.30 | 10.20 | 13.25 | 7.33 | 4.81 | 9.69 |

IRRIGATION—WASHINGTON.

91

COUNTY TABLE.—ACREAGE IRRIGATED, 1919 AND 1909; AND ACREAGE IN ENTERPRISES, IRRIGATION WORKS, AND CAPITAL INVESTED IN IRRIGATION ENTERPRISES, 1920 AND 1910—Continued.

[A minus sign (—) denotes decrease. Per cent not shown when base is less than 100 or when per cent is more than 1,000.]

| | | Okanogan. | Spokane. | Stevens. ¹ | Walla Walla. | Whitman. | Yakima. | Other counties. ² |
|----|---|-----------|-----------|-----------------------|-----------------|-----------|------------|---------------------------------|
| 1 | Number of all farms in 1920..... | 2,856 | 4,830 | 2,727 | 1,502 | 2,957 | 5,755 | 30,901 |
| 2 | Number of farms irrigated in 1919..... | 1,103 | 775 | 18 | 654 | 14 | 5,354 | 203 |
| 3 | Per cent of all farms..... | 38.6 | 16.0 | 0.7 | 43.5 | 0.5 | 98.0 | 0.6 |
| 4 | Number of farms irrigated in 1909..... | 397 | 287 | 126 | 273 | 40 | 2,951 | 61 |
| 5 | Per cent of increase, 1909-1919..... | 177.8 | 170.0 | ..... | 139.6 | ..... | 81.4 | ..... |
| | LAND AND FARM AREA. | | | | | | | |
| 6 | Approximate land area.....acres..... | 3,341,440 | 1,123,840 | 1,603,200 | 809,600 | 1,349,120 | 3,237,760 | 15,466,240 |
| 7 | All land in farms.....acres..... | 689,796 | 811,206 | 472,490 | 703,251 | 1,252,485 | 479,629 | 1,969,909 |
| 8 | Improved land in farms.....acres..... | 212,497 | 449,537 | 139,391 | 474,161 | 1,033,579 | 261,866 | 701,922 |
| 9 | Area irrigated in 1919.....acres..... | 35,899 | 16,154 | 8,900 | 23,575 | 2,099 | 230,033 | 2,778 |
| 10 | Per cent of improved land in farms..... | 16.9 | 3.6 | 6.4 | 5.0 | 0.2 | 87.8 | ..... |
| 11 | Area irrigated in 1909.....acres..... | 15,238 | 12,143 | 3,510 | 10,008 | 1,377 | 148,630 | 394 |
| 12 | Per cent of increase, 1909-1919..... | 135.6 | 33.0 | ..... | 135.6 | 52.4 | 54.8 | ..... |
| 13 | Area enterprises were capable of irrigating in 1920.....acres..... | 52,315 | 20,995 | 18,233 | 39,040 | 2,530 | 242,726 | 7,315 |
| 14 | Area enterprises were capable of irrigating in 1910.....acres..... | 31,670 | 17,140 | 13,235 | 20,954 | 1,705 | 184,050 | 557 |
| 15 | Per cent of increase, 1910-1920..... | 65.2 | 22.5 | ..... | 80.3 | 48.7 | 30.5 | ..... |
| 16 | Area included in enterprises in 1920.....acres..... | 71,700 | 39,458 | 28,605 | 45,303 | 4,138 | 300,235 | 10,014 |
| 17 | Area included in enterprises in 1910.....acres..... | 53,012 | 52,330 | 15,510 | 39,622 | 3,057 | 381,455 | 887 |
| 18 | Per cent of increase, 1910-1920..... | 35.4 | -24.6 | ..... | 14.3 | 35.4 | -6.7 | ..... |
| 19 | Area of irrigated land reported as available for settlement.....acres..... | 7,995 | 3,638 | 575 | 9,587 | ..... | 3,334 | 2,000 |
| | IRRIGATION WORKS. | | | | | | | |
| 20 | Independent enterprises: | | | | | | | |
| 21 | Number, 1920..... | 333 | 107 | 199 | 280 | 29 | 252 | 54 |
| | Number, 1910..... | 235 | 55 | 91 | 136 | 36 | 230 | 61 |
| 22 | Main ditches: | | | | | | | |
| 23 | Number, 1920..... | 306 | 49 | 179 | 237 | 20 | 228 | 35 |
| 24 | Number, 1910..... | 238 | 50 | 91 | 100 | 36 | 242 | 26 |
| 25 | Length, 1920.....miles..... | 421 | 94 | 240 | 1,069 | 27 | 624 | 30 |
| 26 | Length, 1910.....miles..... | 321 | 124 | 133 | 140 | 30 | 564 | 8 |
| 27 | Capacity, 1920.....second-feet..... | 1,851 | 782 | 477 | 959 | 48 | 5,152 | 191 |
| | Capacity, 1910.....second-feet..... | 1,845 | 625 | 374 | 913 | 63 | 3,615 | 14 |
| 28 | Laterals: | | | | | | | |
| 29 | Number, 1920..... | 149 | 84 | 181 | 1,813 | 19 | 360 | 19 |
| 30 | Number, 1910..... | 171 | 44 | 78 | 63 | 14 | 247 | ..... |
| 31 | Length, 1920.....miles..... | 186 | 136 | 29 | 79 | 4 | 956 | 20 |
| | Length, 1910.....miles..... | 96 | 93 | 10 | 105 | 4 | 546 | ..... |
| 32 | Reservoirs: | | | | | | | |
| 33 | Number, 1920..... | 49 | 32 | 7 | 5 | 3 | 10 | ..... |
| 34 | Number, 1910..... | 38 | 18 | 3 | 10 | 2 | 2 | 7 |
| 35 | Capacity, 1920.....acre-feet..... | 30,789 | 5,663 | 800 | ..... | 39,000 | 54 | ..... |
| | Capacity, 1910.....acre-feet..... | 25,727 | 1,536 | 20 | 4 | 84,500 | 1 | ..... |
| 36 | Flowing wells: | | | | | | | |
| 37 | Number, 1920..... | 1 | 5 | ..... | 33 | 5 | 3 | 1 |
| 38 | Number, 1910..... | ..... | ..... | ..... | 13 | ..... | 27 | 1 |
| 39 | Capacity, 1920.....gallons per minute..... | ..... | ..... | ..... | 6,080 | 1,000 | 285 | ..... |
| 40 | Capacity, 1910.....gallons per minute..... | ..... | 1 | ..... | 12,502 | ..... | 5,069 | 18 |
| | Pumped wells: | | | | | | | |
| 41 | Number, 1920..... | 52 | 49 | 2 | 45 | ..... | 43 | 3 |
| 42 | Number, 1910..... | 2 | 30 | ..... | 1 | ..... | 9 | 3 |
| 43 | Capacity, 1920.....gallons per minute..... | 13,613 | 58,646 | 45 | 38,240 | ..... | 8,225 | 120 |
| | Capacity, 1910.....gallons per minute..... | 188 | 33,929 | ..... | 4,500 | ..... | 1,382 | 84 |
| 44 | Pumping plants: | | | | | | | |
| 45 | Number, 1920..... | 131 | 75 | 9 | 65 | 11 | 51 | 114 |
| 46 | Number, 1910..... | 25 | 32 | 2 | 36 | 6 | 18 | 19 |
| 47 | Engine capacity, 1920.....horsepower..... | 1,885 | 3,316 | 41 | 2,775 | 340 | 1,735 | 151 |
| 48 | Engine capacity, 1910.....horsepower..... | 299 | 1,933 | 23 | 1,152 | 63 | 270 | 37 |
| 49 | Pump capacity, 1920.....gallons per minute..... | 54,461 | 79,688 | 9,156 | 25,885 | 8,434 | 47,002 | 1,303 |
| 50 | Pump capacity, 1910.....gallons per minute..... | 9,983 | 42,646 | 275 | 62,987 | 2,179 | 11,812 | 1,248 |
| | Average lift, 1920.....feet..... | 43 | 83 | 48 | 24 | 56 | 38 | ..... |
| | CAPITAL INVESTED. | | | | | | | |
| 51 | Capital invested to Jan. 1, 1920.....dollars..... | 2,874,338 | 1,663,838 | 641,580 | 990,687 | 225,933 | 8,897,058 | 248,934 |
| 52 | Capital invested to July 1, 1910.....dollars..... | 1,119,447 | 946,307 | 244,466 | 1,166,120 | 53,720 | 5,159,024 | 23,632 |
| 53 | Per cent of increase, 1910-1920..... | 156.8 | 76.4 | ..... | -15.0 | 320.6 | 72.4 | ..... |
| 54 | Average cost per acre based on area enterprises were capable of supplying with water in 1920.....dollars..... | 54.94 | 79.49 | 35.18 | 25.38 | 89.09 | 36.65 | 34.03 |
| 55 | Average cost per acre based on area enterprises were capable of supplying with water in 1910.....dollars..... | 35.35 | 55.21 | 18.47 | 55.65 | 31.51 | 27.73 | 42.43 |
| | ESTIMATED FINAL COST. | | | | | | | |
| 56 | Estimated final cost of existing enterprises in 1920.....dollars..... | 4,797,308 | 2,699,388 | 1,002,830 | 1,340,767 | 237,533 | 10,670,024 | 291,734 |
| 57 | Estimated final cost of existing enterprises in 1910.....dollars..... | 1,229,118 | 946,307 | 244,466 | 1,393,370 | 53,720 | 10,078,743 | 23,632 |
| 58 | Per cent of increase, 1910-1920..... | 290.3 | 185.2 | ..... | -3.8 | 342.2 | 5.9 | ..... |
| 59 | Average cost per acre based on estimated final cost and area included in enterprises in 1920.....dollars..... | 66.55 | 68.41 | 35.04 | 29.60 | 57.40 | 34.50 | 29.13 |
| 60 | Average cost per acre based on estimated final cost and area included in enterprises in 1910.....dollars..... | 23.19 | 18.08 | 15.76 | 35.17 | 17.57 | 30.41 | 26.64 |

¹ Part taken to form Pend Oreille County in 1911.

² Includes Clarke, Jefferson, King, Kitsap, Lewis, Pend Oreille, Pierce, Skagit, Skamania, Thurston, and Whatcom Counties. No irrigation is reported for the other counties of the state.

DRAINAGE—WASHINGTON.

INTRODUCTION.

The following tables present the statistics of drainage for Washington collected at the census of 1920. The figures relate to conditions on January 1, 1920, except where indicated otherwise. No census of drainage has been taken heretofore, so there are no comparable figures for previous years. The data relate to the artificial drainage of land in farms, and of other land that ultimately will be used for agricultural purposes. The organized drainage enterprises include considerable areas of unimproved land not yet

in farms. The statistics for drainage on farms were collected in the general census of agriculture, while the statistics for drainage enterprises were obtained in a special canvass of those enterprises. Since drainage on farms may be either inside or outside an organized enterprise, and the drains that each individual owner installs upon his own farm may be either supplemental to or entirely independent of the works installed by an enterprise, the figures for the two parts of the drainage census are presented separately.

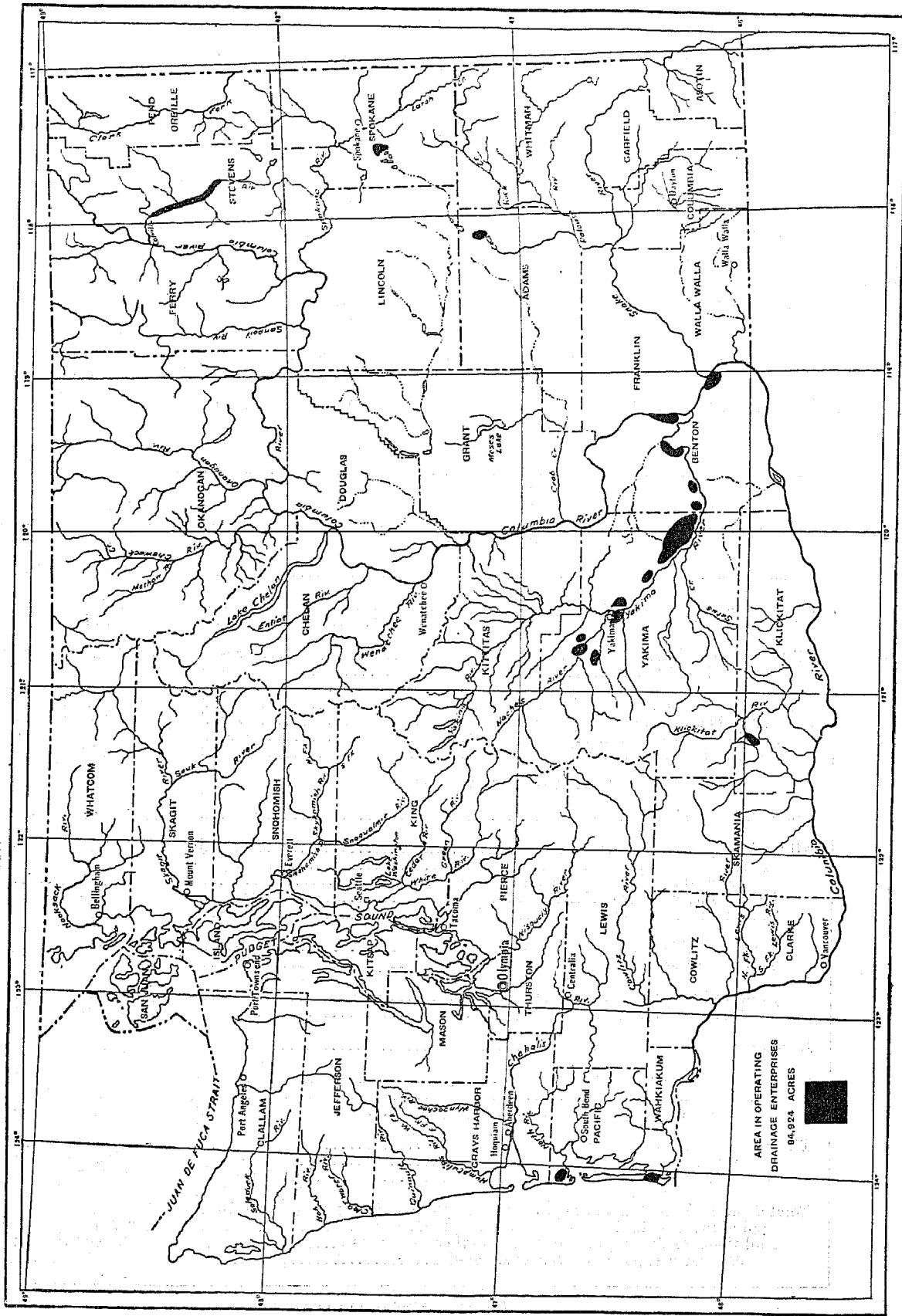
TABLE 1.—SUMMARY FOR THE STATE: 1920.

| ITEM. | Amount. | Per cent of total. |
|--|------------|--------------------|
| DRAINAGE ON FARMS. | | |
| Number of all farms in the state..... | 66,288 | 100.0 |
| Farms reporting land having drainage..... | 10,020 | 15.1 |
| Farms reporting land needing drainage..... | 14,323 | 21.6 |
| All land in farms.....acres..... | 13,244,720 | 100.0 |
| Improved land in farms.....acres..... | 7,129,343 | 53.8 |
| Farm land reported as provided with drainage.....acres..... | 274,696 | 2.1 |
| Farm land reported as needing drainage.....acres..... | 576,005 | 4.3 |
| Needing drainage only.....acres..... | 45,206 | 0.3 |
| Needing drainage and clearing.....acres..... | 530,799 | 4.0 |
| DRAINAGE ENTERPRISES. | | |
| Approximate land area of the state.....acres..... | 42,775,040 | 100.0 |
| All land in operating drainage enterprises.....acres..... | 94,924 | 0.2 |
| Improved land.....acres..... | 81,886 | 0.2 |
| Per cent of all improved land in farms..... | 1.1 | |
| Timber and cut-over land.....acres..... | 850 | (1) |
| Other unimproved land.....acres..... | 12,188 | (1) |
| Swampy, subject to overflow, seeped, or alkali.....acres..... | 10,873 | (1) |
| Suffering a loss of crops from defective drainage.....acres..... | 8,996 | (1) |
| Improved land prior to drainage.....acres..... | 49,748 | 0.1 |
| Increase since drainage began.....acres..... | 32,138 | 0.1 |
| Land in nonoperating enterprises.....acres..... | 4,865 | (1) |
| Open ditches in operating enterprises.....miles..... | 169.8 | 100.0 |
| Completed.....miles..... | 162.4 | 95.6 |
| Additional under construction.....miles..... | 7.4 | 4.4 |
| Tile drains in operating enterprises.....miles..... | 83.7 | 100.0 |
| Completed.....miles..... | 83.0 | 99.2 |
| Additional under construction.....miles..... | 0.7 | 0.8 |
| Total capital invested in and required for completion of operating enterprises.....\$1,436,419 | 100.0 | |
| Capital invested in these enterprises to Dec. 31, 1919.....1,397,419 | 97.3 | |
| Additional capital required to complete these enterprises.....39,000 | 2.7 | |
| Average cost per acre when completed.....15.13 | | |

¹ Less than one-tenth of 1 per cent.

WASHINGTON

APPROXIMATE LOCATION AND AREA OF OPERATING DRAINAGE ENTERPRISES.



DRAINAGE ON FARMS.

Explanation of terms.—To secure uniformity in the returns relating to drainage on farms, the Bureau of the Census supplied its enumerators with certain definitions, which are substantially as follows:

Drainage of agricultural land was defined, for census purposes, as the act or process of drawing off an excess of water by underground conduits, pipes, or tiles, or by open or covered trenches in the surface of the ground, for the purpose of improving the condition of the soil and crops.

The area provided with drainage, in farms, is the acreage actually benefited or made of more value for agricultural purposes by artificial drainage, but does not include land on which only temporary work has been done, such as "bedding" the fields or laying out "dead furrows" to hasten the surface flow.

The area needing drainage, in farms, comprises the additional land not now suitable for crops which could be made available for cultivation (1) "by drainage only," which is the acreage needing no clearing or which is covered with grass, weeds, or other annual growth, and (2) "by drainage and clearing," which is the acreage covered with trees, stumps, or perennial woody shrubs.

Improved land in farms includes all land regularly tilled or mowed, land in pasture which has been cleared or tilled, land lying fallow, land in gardens, orchards, vineyards, and nurseries, and land occupied by farm buildings.

Woodland in farms includes all land covered with natural or planted forest trees which produce, or later may produce, firewood or other forest products.

Farms in drainage and levee districts are those for which the operators have answered affirmatively the question, "Has any part of this farm been afforded drainage or protection against overflow by a drainage or levee district, or by the state, the county, or a private company or individual?" Levee districts, however, generally are not included in the enterprises for which data are given in this report (see definition of drainage enterprises, below).

Farms and farm land.—The acreage shown for drainage on farms represents land where drainage is actually in operation and which has actually become more fully available for growing crops by reason of the drainage. This is to be distinguished from the area merely provided with outlet facilities by organized drainage enterprises. Drainage on farms represents in most cases the result of work done by the farm owner, either independently or supplemental to the work done by a drainage enterprise, but the acreage would include also any farm land receiving similar benefits directly from the works of an enterprise.

DRAINAGE ENTERPRISES.

Explanation of terms.—The more important terms used in connection with the census of drainage enterprises were defined as follows:

Drainage enterprises comprise public corporations and local improvement districts formed under state laws, commercial enterprises draining swamp or overflowed land for sale, other organizations that may be engaged in extensive land-drainage work, and also tracts of 500 acres or more drained by individual owners. Enterprises such as levee districts that have not authorized the construction of open ditches or tile drains are not included.

Enterprises located in more than one county were divided, for tabulation, and the part in each county treated as a separate enterprise, though the capacities of drainage pumping plants are given only in the counties in which the plants are located.

Operating enterprises, as designated in this bulletin, are those that had completed the drainage works authorized, or had at any rate begun actual construction work, on or before January 1, 1920; enterprises that had been established but had not begun construction are termed "nonoperating."

Land in drainage enterprises comprises the area that has been benefited or is to be benefited by the improvement works constructed by the enterprises. In the case of overlapping enterprises, deduction has been made for the amount of duplication.

All land in drainage enterprises is divided, without regard to drainage condition, into (a) improved land; (b) timber and cut-over land, which would require clearing to be thoroughly fit for cultivation; and (c) all other unimproved land, which would not require expensive clearing before cultivation.

The assessed acreage for any single enterprise is the same as the area in that enterprise. However, the total assessed acreage may be considerably greater than the total land in enterprises, for in summing up the assessed acreage in the county or state, deduction was not made for acreage assessed in more than one enterprise.

Improved land in drainage enterprises consists very largely of improved farm land, though it may include some other improved land receiving benefit from the works of the enterprises.

Timber and cut-over land includes farm woodland of natural or planted forest trees as well as other timber land or areas that would need clearing of trees, stumps, or perennial woody shrubs.

Land designated as swampy or subject to overflow includes all land permanently or generally too wet for cultivation, land subject to periodical inundation by stream floods, seeped and alkali land in irrigated regions, and all other land unfit for cultivation by reason of insufficient drainage. This classification is without respect to the conditions as to improvement or timber.

The area suffering loss of crops is intended to include only land devoted to planted crops which suffer damage, either partial or complete, because of defective drainage. Land which would be cultivated if drained or protected against overflow is not included.

Capital invested, for the purpose of this investigation, was defined as cost, including charges for engineering, organization, rights of way, construction of drainage works, damages, land and buildings except those held for sale or farming, and any other expenditures properly chargeable to drainage and paid by the enterprise.

The drainage works of an enterprise include all varieties of underground conduits, pipes, or lines of tile, or drains of stone, wood, or other material; also open ditches and canals, together with accessory levees, dikes, dams, weirs, pumping machinery, gates, and other devices for the draining away or control of surface and soil waters.

Tile, as the term is here used, includes pipes of earthenware, concrete, or other material buried beneath the surface in such a way as to permit the excess water to flow away. The size, if circular, is expressed by the inside diameter in inches.

Ditches include all open artificial trenches, usually with sloping sides. The width is that of the bottom.

The type of drainage shows whether the drainage water from an enterprise is discharged by gravity or by pumping.

A pumping district is one where all or a part of the water from the drains collecting at a low point must be raised by some form of machinery in order that it may be removed from the area.

Drainage pumps include all kinds of machinery and devices for lifting the drainage water.

Pumping engines include all kinds of engines and motors for operating the drainage pumps.

DRAINAGE—WASHINGTON.

Operating and nonoperating enterprises.—In most of the tables that follow, statistics are given for operating enterprises only. These include both those which have completed their drainage works and those with such works under construction. The nonoperating enterprises have a legal existence, though they have not yet accomplished any drainage. They may include districts that on the census date had completed their plans, sold bonds to finance the undertakings, and let contracts for the construction work, and also districts for which decree of establishment had just been issued and which were still subject to considerable change in area, plan of drainage works, and cost.

TABLE 2.—LAND AND CAPITAL INVESTED IN ALL ENTERPRISES, CLASSIFIED AS BETWEEN OPERATING AND NONOPERATING ENTERPRISES: 1920.

| CLASS. | LAND. | | CAPITAL. ¹ | | |
|------------------------------------|----------|--------------------|-----------------------|--------------------|----------------------------------|
| | Acreage. | Per cent of total. | To Dec. 31, 1919. | | Additional required to complete. |
| | | | Amount. | Per cent of total. | |
| All organized enterprises.... | 99,789 | 100.0 | \$1,442,419 | 100.0 | \$114,000 |
| Operating enterprises..... | 94,924 | 95.1 | 1,397,419 | 96.9 | 39,000 |
| With works completed..... | 90,084 | 90.3 | 1,370,809 | 95.5 | ..... |
| With works under construction..... | 4,840 | 4.8 | 20,610 | 1.4 | 39,000 |
| Nonoperating enterprises..... | 4,865 | 4.9 | 45,000 | 3.1 | 75,000 |

¹ The inquiry asked for the "total cost of the enterprise to Dec. 31, 1919," and for an "estimate of additional investment to complete."

Location of enterprises.—The great part of the drainage enterprises lies in the Yakima Valley, in the south central part of the state, though there are some enterprises to drain lands subject to overflow along Clark Fork and Colville River in the northeast corner and a very few to drain wet and swampy lands in the south and southwest parts of the state. There are no drainage enterprises in the region tributary to Puget Sound.

TABLE 3.—LAND AND CAPITAL INVESTED IN ALL ENTERPRISES, CLASSIFIED BY DRAINAGE BASIN: 1920.

| DRAINAGE BASIN. | LAND. | | CAPITAL. | | |
|-------------------------------------|----------|--------------------|-------------------|--------------------|----------------------------------|
| | Acreage. | Per cent of total. | To Dec. 31, 1919. | | Additional required to complete. |
| | | | Amount. | Per cent of total. | |
| All organized enterprises... | 99,789 | 100.0 | \$1,442,419 | 100.0 | \$114,000 |
| Operating enterprises..... | 94,924 | 95.1 | 1,397,419 | 96.9 | 39,000 |
| Pacific Ocean..... | 4,200 | 4.2 | 37,044 | 2.6 | 10,000 |
| Columbia River and Snake River..... | 30,965 | 31.0 | 336,500 | 23.3 | ..... |
| Yakima River..... | 59,759 | 59.9 | 1,023,875 | 71.0 | 26,000 |
| Non operating enterprises..... | 4,865 | 4.9 | 45,000 | 3.1 | 75,000 |
| Yakima River..... | 4,865 | 4.9 | 45,000 | 3.1 | 75,000 |

Condition of land in enterprises.—All the enterprises in Benton and Yakima Counties are within the boundaries of the United States Reclamation Service projects. They are for the drainage and protection of lands injured or threatened with seepage and the concentration of salts, commonly called alkali, in the surface soil as a result of irrigation.

In Benton County, 5,800 acres of irrigated land in drainage enterprises are reported as not having needed drainage, but as having been included and assessed merely as responsible for damage to the other lands.

The usual purpose of an organized enterprise is merely to provide adequate outlets into which the landowners of the district may drain their farms and to afford relief from overflows for the district as a unit. Therefore, the fact that an enterprise which has completed the construction of the drainage works authorized contains land still swampy, subject to overflow, seeped, or alkali, or land that suffers damage to crops, does not show that the improvement works are inadequate.

TABLE 4.—LAND IN ALL ENTERPRISES, CLASSIFIED BY CONDITION: 1920.

| CONDITION OF LAND. | OPERATING ENTERPRISES. | | | Non-operating enterprises (acres). | |
|--------------------------------|------------------------|----------------------|--------------------------|------------------------------------|--|
| | Total. | | Works completed (acres). | | |
| | Acreage. | Per cent of allland. | | | |
| All land in enterprises..... | 94,924 | 100.0 | 90,084 | 4,840 | |
| Improved land..... | 81,886 | 86.3 | 78,271 | 3,615 | |
| Timber and cut-over land..... | 850 | 0.9 | 250 | 600 | |
| Other unimproved land..... | 12,188 | 12.8 | 11,563 | 625 | |
| Swampy, seeped, or alkali..... | 10,873 | 11.5 | 9,743 | 1,130 | |
| Suffering a loss of crops..... | 3,996 | 9.5 | 7,971 | 1,025 | |

Size of enterprises.—Presentation of the statistics by counties requires that an enterprise located in more than one county be divided, and the part in each county be considered a separate enterprise. In this way, 52 operating drainage enterprises are counted in Washington, with an average area of 2,029 acres assessed. Just 26 of them comprise between 1,000 and 5,000 acres each. The assessed acreage exceeds the land in enterprises by 10,553 acres, which is the amount of overlapping. The land in enterprises and the assessed acreage on each line of Table 5 refer to the same enterprises. From the total area of each enterprise, designated as the assessed area, the net amount of overlapping with enterprises organized previously was deducted, to determine the area to be tabulated as land in enterprise.

TABLE 5.—LAND IN OPERATING ENTERPRISES, CLASSIFIED BY SIZE OF AREA ASSESSED: 1920.

| SIZE GROUP. | Land in enterprises (acres). | ASSESSED AREA. | |
|--------------------------------|------------------------------|----------------|--------------------|
| | | Acreage. | Per cent of total. |
| | | 105,477 | 100.0 |
| All operating enterprises..... | 94,924 | | |
| Less than 200 acres..... | | 322 | 0.3 |
| 200 to 499 acres..... | 822 | 1,625 | 1.5 |
| 500 to 999 acres..... | 6,830 | 9,101 | 8.7 |
| 1,000 to 4,999 acres..... | 45,723 | 52,820 | 50.1 |
| 5,000 to 9,999 acres..... | 19,649 | 19,849 | 18.6 |
| 10,000 to 49,999 acres..... | 21,900 | 21,900 | 20.8 |

Character of enterprises.—The drainage enterprises in Washington are known as drainage districts, diking and drainage districts, and drainage improvement districts, varying slightly in character but all organized under general drainage laws of the state.

Drainage districts are incorporated under an act of March 20, 1895 (ch. 115), and may comprise any portion of a county having five or more inhabitants or freeholders. They are established by the county commissioners upon petition from owners of a major part of the acreage and after favorable vote of the qualified voters residing in the proposed district. Each district must be conducive to the public health, convenience, and welfare; must increase the public revenue; must have sufficient outlet for drainage; and must cost less than the estimated benefits to be derived. A board of three elected drainage commissioners has exclusive charge of construction and maintenance for all drainage systems within the district. The cost of the enterprise is apportioned against the land in proportion to benefits. The plan of drainage and the assessments of benefits and damages to each landowner are prepared by the drainage commissioners and are submitted to the superior court of the county with petition that the works be constructed. After public hearing the benefits and damages are determined by jury, subject to appeal to the supreme court of the state. The district may issue bonds for 5 to 10 years upon petition from a majority of the landowners.

Diking and drainage districts, comprising portions of two or more counties and containing 100 or more inhabitants, are formed under an act of March 20, 1909 (ch. 225). Each is established by the state commissioner of public lands and the commissioners of the counties affected in joint meeting. The districts must be conducive to the public health, convenience, and welfare; must increase the public revenue; and must be of benefit to a majority of the land included. The petition for establishment must be signed by 100 freeholders in the proposed district or by a majority in each county when the total number is less than 200. The enterprise must be approved

in each county by vote of the qualified electors resident in the district. The cost of the undertaking is assessed against the land in proportion to the benefits that will be derived. A board of five elected district commissioners prepares the plan of drainage, makes the assessments, and secures construction of the works. Appeals regarding assessments may be taken to the superior court of the county and thence to the supreme court of the state. Bonds may be issued by the district for not exceeding 10 years.

The drainage improvement districts have been organized under acts of March 8, 1901 (ch. 66), and March 24, 1913 (ch. 176), when the landowners did not wish to incorporate as drainage districts or were too few. The later act repealed the earlier one. These districts are established by the county commissioners, who are the executive board for all such districts in the county. Petition for establishment may be made by one landowner, and the county engineer must report that the proposed work is feasible. The drainage plan, estimate of cost, and schedule of property that will be damaged are made by the county engineer, subject to modification by the commissioners at public hearing. If an award of damages is not acceptable to the landowner, condemnation proceedings are instituted. After the drainage works are constructed the cost is apportioned against all property benefited, including cities and irrigation systems, in proportion to the benefits. For a district in more than one county the petition is filed in each county; the engineers examine the project together, but report separately for their respective counties; the hearings are held and contracts are let by the boards of county commissioners acting jointly.

No enterprises were reported as diking districts, established under the act of 1895 (ch. 117), or as local improvement districts within irrigation districts under an act of 1917 (ch. 162). The diking districts, similar to drainage districts in method of organization, in 1907 were authorized to improve water courses flowing through or within the districts, and to construct all ditches necessary to protect the land or preserve the dikes. The local improvement districts may be established by the directors of the irrigation districts for drainage or other local improvements. A petition must be signed by the holders of title to one-fourth the acreage to be assessed. The enterprise will be managed by the directors of the irrigation district, and the cost assessed against the land in proportion to benefits.

Private drains may be established by the superior court of any county under an act of March 14, 1899 (ch. 125), when one landowner can not secure drainage except across the land of an objecting owner. After

DRAINAGE—WASHINGTON.

investigation by the county surveyor and two other viewers, public hearing is held and the court awards damages which must be paid by the petitioners before beginning construction. An act of March 20, 1913 (ch. 133), provides that one owner may secure a private way of necessity across land of another by proceedings the same as for condemnation of private property by railroads.

The many amendments to the drainage laws enumerated, dealing with the details of procedure, powers of officials, extension and abandonment of drainage enterprises, are not mentioned herein and do not affect the types of organization as described above. All state, school, and granted lands are subject to assessment for drainage improvements like other lands.

Washington Territory was organized in 1854, and was admitted as a state in 1889. In 1858 a law was passed generally similar to that of 1899 for establishing private ditches. Acts of 1875 and 1883 were somewhat similar to the act of 1913 for drainage improvement districts. The first state legislature enacted a drainage law (approved Mar. 19, 1890) generally similar to that of 1913 authorizing drainage improvement districts. This was declared unconstitutional by the supreme court of the state in 1893 and 1894, as providing for taking private property without just compensation.

TABLE 6.—LAND AND CAPITAL INVESTED IN ALL ENTERPRISES, CLASSIFIED BY CHARACTER OF ENTERPRISE: 1920.

| CHARACTER OF ENTERPRISE. | LAND. | | CAPITAL. | |
|-------------------------------------|----------|--------------------|-------------------|--------------------|
| | Acreage. | Per cent of total. | To Dec. 31, 1919. | |
| | | | Amount. | Per cent of total. |
| All organized enterprises.... | 99,789 | 100.0 | \$1,442,419 | 100.0 |
| Operating enterprises.... | | | | |
| Drainage districts..... | 94,924 | 95.1 | 1,397,419 | 96.9 |
| Diking and drainage districts..... | 23,100 | 22.1 | 161,634 | 11.2 |
| Drainage improvement districts..... | 5,000 | 5.0 | 48,500 | 3.4 |
| Law of 1901..... | 66,824 | 67.0 | 1,187,285 | 82.3 |
| Law of 1913..... | 31,991 | 32.1 | 342,194 | 23.7 |
| Nonoperating enterprises.... | 4,565 | 4.9 | 845,091 | 58.6 |
| Drainage improvement districts..... | 4,565 | 4.9 | 45,000 | 3.1 |
| | | | | 75,000 |
| | | | | 75,000 |

¹ Includes 1,100 acres under individual ownership.

Drainage works.—The total works completed by drainage enterprises to December 31, 1919, comprised 162.4 miles of open ditches and 83 miles of tile drains. The additional lengths under construction were 7.4 miles of open ditches, 0.7 mile of tile drains, and 1 mile of accessory levees. These figures do not include drains or levees installed by individual farm owners supplemental to the works of the enterprises, nor the works of flood-protection or levee districts that had not undertaken the construction of ditches or

tile drains. There are no pumping districts among the operating drainage enterprises in Washington, though there are 2,745 acres in nonoperating enterprises that will be drained, according to the plans, partly by gravity and partly by pumping.

TABLE 7.—LAND AND CAPITAL INVESTED IN OPERATING ENTERPRISES, CLASSIFIED BY KIND OF DRAINAGE WORKS: 1920.

| KIND OF WORKS. | LAND. | | CAPITAL. | |
|--------------------------------------|----------|--------------------|-------------------|--------------------|
| | Acreage. | Per cent of total. | To Dec. 31, 1919. | |
| | | | Amount. | Per cent of total. |
| All kinds..... | 94,924 | 100.0 | \$1,397,419 | 100.0 |
| Open ditches only ¹ | 64,405 | 67.8 | 592,445 | 42.4 |
| Open ditches and tile drains..... | 25,147 | 26.5 | 612,659 | 43.8 |
| Tile drains only..... | 5,372 | 5.7 | 192,315 | 13.8 |

¹ Includes 1,000 acres that will have open ditches and levees.

The average depth of the main or outlet ditch was reported for each enterprise. The maximum depth of outlet reported for any enterprise in the state and the maximum in each county are shown in line 15 of County Table II. The maximum length, width, and depth of outlet shown in that table for any county may not refer to the same enterprise.

In County Table II, line 16 shows the mean depth of branch ditches (open ditches only), which is a very crude indication of the depth of soil drainage that may be obtained in the enterprises as determined by the depth of outlet provided for farm drains. The mean depth was computed by giving each separate depth a weight in proportion to the acreage it serves. As most enterprises reported depths in whole numbers only, the occasional decimals were omitted in making these computations. Depths less than 3 feet were omitted; to include this group, computed as 3 feet, would show the mean depth for the state 5.3 instead of 5.4 feet.

TABLE 8.—LAND IN OPERATING ENTERPRISES, CLASSIFIED BY AVERAGE DEPTH OF BRANCH DITCHES: 1920.

| DEPTH OF BRANCH DITCHES. | Acreage. | Per cent of total. | | |
|-----------------------------|----------|--------------------|--------|-------|
| | | | 94,924 | 100.0 |
| Less than 3 feet..... | 553 | 0.6 | | |
| 3.0 to 3.9 feet..... | 7,358 | 7.7 | | |
| 4.0 to 4.9 feet..... | 9,268 | 9.8 | | |
| 5.0 to 5.9 feet..... | 13,147 | 13.7 | | |
| 6.0 to 6.9 feet..... | 23,523 | 24.9 | | |
| 7.0 to 7.9 feet..... | 10,262 | 10.8 | | |
| Not reporting branches..... | 30,818 | 32.5 | | |

Maintenance of works.—The commissioners of the drainage districts are required by law to make an estimate each year of the expense for maintenance and repair of the drainage system during the succeeding year, which is assessed against the lands in the district in like proportion as the original assessment of

benefits. The commissioners of diking and drainage districts are required to levy an annual tax upon all the property in the district for maintenance of the improvement works, to be levied and collected in like manner as provided by law for levying and collecting school district taxes. The supervisors of drainage improvement districts must make annually an estimate of maintenance expenses, from which the county commissioners levy the assessment apportioned in the same manner as that to pay the cost of construction, though the basis of apportionment may be changed by the commissioners upon petition and after public hearing. The works of each local improvement district are kept in repair by the directors of the irrigation district the same as the irrigation works, but the expenses are paid from the operation and maintenance fund of that local improvement district, which is provided by special assessment against the lands in the local improvement district. No maintenance was reported for some completed districts established under laws requiring the officials to keep the drains in repair. Possibly this is due to the construction work being completed so recently that no expenses have been incurred for repair work.

TABLE 9.—LAND AND CAPITAL INVESTED IN OPERATING ENTERPRISES, CLASSIFIED BY METHOD OF MAINTENANCE: 1920.

| METHOD OF MAINTENANCE. | LAND. | | CAPITAL. | | |
|--|----------|--------------------|-------------------|--------------------|----------------------------------|
| | Acreage. | Per cent of total. | To Dec. 31, 1919. | | Additional required to complete. |
| | | | Amount. | Per cent of total. | |
| All operating enterprises..... | 94,924 | 100.0 | \$1,397,419 | 100.0 | \$39,000 |
| By district forces..... | 85,859 | 90.5 | 1,224,419 | 87.6 | ..... |
| No maintenance provided ¹ | 9,065 | 9.5 | 173,000 | 12.4 | ..... |

¹ Includes 1,100 acres maintained by landowners.

Date of organization.—The progress in drainage is shown only roughly by the dates of the organization of the enterprises, which are the dates when the districts were established by the county commissioners, since there may be a period of a year or more between the decree of establishment and the beginning of actual construction and since the work of construction may occupy several years in a large district. It was not practicable, however, for the census to secure data as to the time of the beginning or the completion of the drainage works. Under the date of organization are tabulated the entire area, works, and capital of each enterprise, even including extensions made after the original plan of reclamation was com-

pleted. No drainage enterprises were reported as organized in Washington earlier than 1900.

TABLE 10.—LAND IN OPERATING ENTERPRISES, CLASSIFIED BY DATE ENTERPRISE WAS ORGANIZED: 1920.

| DATE OF ORGANIZATION. | LAND. | | AREA ASSESSED. | |
|--------------------------------|----------|--------------------|----------------|--------------------|
| | Acreage. | Per cent of total. | Acreage. | Per cent of total. |
| All operating enterprises..... | 94,924 | 100.0 | 105,477 | 100.0 |
| 1900 to 1904..... | 2,200 | 3.4 | 3,200 | 3.0 |
| 1905 to 1909..... | 29,966 | 42.1 | 39,966 | 37.9 |
| 1910 to 1914..... | 30,761 | 32.4 | 35,304 | 33.5 |
| 1915 to 1919..... | 14,497 | 15.3 | 20,507 | 19.4 |
| Not reported..... | 6,500 | 6.8 | 6,500 | 6.2 |

TABLE 11.—CAPITAL INVESTED IN OPERATING ENTERPRISES, CLASSIFIED BY DATE ENTERPRISE WAS ORGANIZED: 1920.

| DATE OF ORGANIZATION. | CAPITAL. | | |
|--------------------------------|-------------------|--------------------|----------------------------------|
| | To Dec. 31, 1919. | | Additional required to complete. |
| | Amount. | Per cent of total. | |
| All operating enterprises..... | \$1,397,419 | 100.0 | \$39,000 |
| 1900 to 1904..... | 26,634 | 1.9 | ..... |
| 1905 to 1909..... | 352,850 | 25.2 | ..... |
| 1910 to 1914..... | 594,937 | 42.6 | ..... |
| 1915 to 1919..... | 352,998 | 27.4 | 39,000 |
| Not reported..... | 40,000 | 2.9 | ..... |

TABLE 12.—DRAINS AND LEVEES (COMPLETED AND UNDER CONSTRUCTION) IN OPERATING ENTERPRISES, CLASSIFIED BY DATE ENTERPRISE WAS ORGANIZED: 1920.

| DATE OF ORGANIZATION. | DITCHES. | | TILE. | | LEVEES. | |
|----------------------------|----------|--------------------|--------|--------------------|---------|--------------------|
| | Miles. | Per cent of total. | Miles. | Per cent of total. | Miles. | Per cent of total. |
| | | | Miles. | Per cent of total. | | |
| All drains and levees..... | 169.8 | 100.0 | 83.7 | 100.0 | 1.0 | 100.0 |
| 1900 to 1904..... | 4.5 | 2.7 | 6.0 | 7.2 | ..... | ..... |
| 1905 to 1909..... | 65.8 | 38.8 | ..... | ..... | ..... | ..... |
| 1910 to 1914..... | 68.5 | 40.3 | 38.9 | 46.5 | ..... | ..... |
| 1915 to 1919..... | 26.0 | 15.3 | 38.8 | 46.3 | 1.0 | 100.0 |
| Not reported..... | 5.0 | 2.9 | ..... | ..... | ..... | ..... |

Crops.—The principal crops grown upon the drained land in drainage enterprises are alfalfa, hay other than alfalfa, and wheat. Data were not secured to show the part of each enterprise planted to any crop, so the enterprises have been classified according to the principal crop, and the total area of improved land is shown thus classified, in County Table II. No data were secured at the general census of agriculture to separate the crops grown upon land drained artificially from those produced upon land drained naturally.

DRAINAGE—WASHINGTON.

COUNTY TABLE I.—DRAINAGE ON FARMS: 1920.

| | | THE STATE. | Adams. | Chelan. | Clallam. | Clarke. | Cowlitz. | Grant. | Grays Harbor. |
|----------------------------|--|------------|------------|-----------|---------------|--------------|------------|-----------|---------------------|
| 1 | Number of all farms in the state or county | 66,288 | 1,084 | 2,095 | 607 | 3,066 | 1,066 | 1,110 | 1,084 |
| 2 | Farms reporting land having drainage | 10,020 | 2 | 42 | 167 | 275 | 89 | 6 | 93 |
| 3 | Farms reporting land needing drainage | 14,323 | 2 | 116 | 337 | 880 | 587 | 10 | 245 |
| 4 | Farms in drainage and levee districts | 2,680 | 4 | 11 | 2 | 26 | 56 | 1 | 6 |
| LAND AND FARM AREA. | | | | | | | | | |
| 5 | Approximate land area of the state or county | 42,775,040 | 1,223,650 | 1,856,000 | 1,104,640 | 405,760 | 737,920 | 1,740,800 | 1,196,160 |
| 6 | All land in farms | 13,244,720 | 334,395 | 235,621 | 58,043 | 194,309 | 110,259 | 743,518 | 94,767 |
| 7 | Improved land in farms | 7,129,343 | 727,876 | 65,810 | 20,132 | 75,673 | 27,994 | 413,758 | 28,708 |
| 8 | Woodland in farms | 1,813,061 | 2,243 | 55,817 | 29,776 | 66,974 | 46,604 | 6,305 | 43,402 |
| 9 | Other unimproved land in farms | 4,302,316 | 203,276 | 113,994 | 8,135 | 51,662 | 35,661 | 329,455 | 22,567 |
| 10 | Farm land reported as provided with drainage | 274,698 | 1,260 | 947 | 3,563 | 5,035 | 5,179 | 815 | 1,578 |
| 11 | Farm land reported as needing drainage | 570,005 | 235 | 3,836 | 18,799 | 37,875 | 28,457 | 855 | 10,000 |
| 12 | Drainage only | 45,206 | 105 | 348 | 1,833 | 2,065 | 2,320 | 550 | 1,344 |
| 13 | Drainage and clearing | 530,799 | 130 | 3,488 | 16,961 | 35,810 | 26,137 | 305 | 8,710 |
| | | Island. | Jefferson. | King. | Kitsap. | Kittitas. | Klickitat. | Lewis. | Lincoln. |
| 1 | Number of all farms in the county | 763 | 348 | 3,801 | 1,535 | 923 | 1,177 | 3,030 | 1,800 |
| 2 | Farms reporting land having drainage | 271 | 92 | 1,048 | 641 | 129 | 45 | 653 | 33 |
| 3 | Farms reporting land needing drainage | 296 | 118 | 1,156 | 612 | 196 | 89 | 1,261 | 38 |
| 4 | Farms in drainage and levee districts | 53 | 4 | 192 | 44 | 2 | 23 | 24 | 7 |
| LAND AND FARM AREA. | | | | | | | | | |
| 5 | Approximate land area of the county | 133,120 | 1,155,200 | 1,351,040 | 237,440 | 1,490,560 | 1,168,000 | 1,516,160 | 1,473,280 |
| 6 | All land in farms | 51,932 | 35,917 | 151,562 | 43,885 | 215,918 | 562,331 | 226,162 | 1,329,405 |
| 7 | Improved land in farms | 17,127 | 8,457 | 68,272 | 13,411 | 95,984 | 190,616 | 70,322 | 832,678 |
| 8 | Woodland in farms | 25,868 | 17,903 | 47,391 | 22,856 | 36,074 | 89,044 | 89,281 | 64,578 |
| 9 | Other unimproved land in farms | 8,937 | 9,557 | 35,899 | 7,618 | 83,860 | 282,671 | 57,559 | 432,149 |
| 10 | Farm land reported as provided with drainage | 6,791 | 3,218 | 20,177 | 3,259 | 4,027 | 3,950 | 16,838 | 1,803 |
| 11 | Farm land reported as needing drainage | 11,183 | 10,728 | 29,206 | 8,547 | 10,274 | 5,141 | 54,323 | 2,510 |
| 12 | Drainage only | 2,379 | 758 | 3,537 | 798 | 1,881 | 1,211 | 2,055 | 1,358 |
| 13 | Drainage and clearing | 8,804 | 9,970 | 25,669 | 7,749 | 8,393 | 3,930 | 52,263 | 1,101 |
| | | Mason. | Okanogan. | Pacific. | Fend Oreille. | Pierce. | San Juan. | Skagit. | Snohomish. |
| 1 | Number of all farms in the county | 483 | 2,856 | 453 | 586 | 3,159 | 535 | 2,401 | 3,095 |
| 2 | Farms reporting land having drainage | 115 | 43 | 181 | 75 | 948 | 209 | 849 | 945 |
| 3 | Farms reporting land needing drainage | 207 | 321 | 215 | 301 | 1,028 | 214 | 615 | 1,185 |
| 4 | Farms in drainage and levee districts | | 2 | 54 | 34 | 142 | 1 | 513 | 240 |
| LAND AND FARM AREA. | | | | | | | | | |
| 5 | Approximate land area of the county | 595,200 | 3,341,440 | 572,800 | 871,040 | 1,088,640 | 113,920 | 1,135,360 | 1,320,960 |
| 6 | All land in farms | 40,867 | 659,796 | 48,804 | 119,496 | 118,754 | 68,513 | 136,350 | 151,584 |
| 7 | Improved land in farms | 8,373 | 212,497 | 10,509 | 42,921 | 41,953 | 18,922 | 73,243 | 58,410 |
| 8 | Woodland in farms | 22,946 | 113,747 | 19,053 | 50,103 | 40,328 | 30,559 | 38,769 | 58,727 |
| 9 | Other unimproved land in farms | 9,548 | 363,552 | 19,237 | 17,472 | 36,473 | 18,732 | 24,333 | 44,447 |
| 10 | Farm land reported as provided with drainage | 1,805 | 907 | 3,188 | 2,551 | 13,323 | 5,915 | 37,604 | 18,539 |
| 11 | Farm land reported as needing drainage | 10,670 | 15,201 | 12,873 | 25,059 | 21,604 | 11,870 | 19,790 | 32,349 |
| 12 | Drainage only | 504 | 906 | 1,627 | 1,255 | 2,212 | 907 | 2,177 | 2,025 |
| 13 | Drainage and clearing | 10,166 | 14,295 | 11,247 | 24,704 | 19,422 | 10,903 | 17,613 | 26,724 |
| | | Spokane. | Stevens. | Thurston. | Wahkiakum. | Walla Walla. | Whatcom. | Yakima. | All other counties. |
| 1 | Number of all farms in the county | 4,830 | 2,727 | 1,490 | 373 | 1,502 | 3,369 | 5,755 | 9,140 |
| 2 | Farms reporting land having drainage | 295 | 194 | 194 | 128 | 39 | 990 | 1,380 | 40 |
| 3 | Farms reporting land needing drainage | 658 | 850 | 412 | 129 | 30 | 1,861 | 122 | 232 |
| 4 | Farms in drainage and levee districts | 30 | 45 | 68 | 86 | 17 | 109 | 875 | 10 |
| LAND AND FARM AREA. | | | | | | | | | |
| 5 | Approximate land area of the county | 1,128,840 | 1,603,200 | 453,760 | 170,880 | 809,600 | 1,332,480 | 3,237,780 | 8,214,400 |
| 6 | All land in farms | 811,206 | 472,490 | 140,040 | 33,209 | 703,251 | 177,742 | 479,029 | 4,060,965 |
| 7 | Improved land in farms | 449,537 | 139,391 | 45,953 | 8,577 | 474,161 | 78,673 | 261,806 | 2,548,449 |
| 8 | Woodland in farms | 207,468 | 245,844 | 48,438 | 16,294 | 14,120 | 56,595 | 15,224 | 186,495 |
| 9 | Other unimproved land in farms | 154,201 | 87,256 | 45,649 | 8,338 | 214,970 | 47,474 | 202,589 | 1,326,091 |
| 10 | Farm land reported as provided with drainage | 16,875 | 7,685 | 4,852 | 3,044 | 1,468 | 23,316 | 54,568 | 1,030 |
| 11 | Farm land reported as needing drainage | 25,235 | 73,681 | 17,728 | 2,938 | 548 | 61,233 | 2,804 | 9,305 |
| 12 | Drainage only | 1,689 | 1,307 | 2,163 | 412 | 251 | 2,998 | 912 | 594 |
| 13 | Drainage and clearing | 23,546 | 72,374 | 15,565 | 2,526 | 295 | 58,235 | 1,982 | 8,711 |

'No drainage reported in Asotin, Douglas, Franklin, Garfield, and Skamania Counties.

DRAINAGE—WASHINGTON.

101

COUNTY TABLE II.—OPERATING DRAINAGE ENTERPRISES: 1920.

| | | THE STATE | Benton. | Klickitat. | Pacific. | Stevens. | Yakima. | Other counties. ¹ |
|--|--|------------|-----------|------------|----------|-----------|-----------|------------------------------|
| LAND AREA. | | | | | | | | |
| 1 | Approximate land area of the state or county.....acres.. | 42,775,040 | 1,069,440 | 1,168,000 | 572,500 | 1,603,200 | 3,237,760 | 2,347,520 |
| 2 | All land in operating drainage enterprises.....acres.. | 94,924 | 10,340 | 4,965 | 4,200 | 15,000 | 55,919 | 4,500 |
| 3 | Improved land.....acres.. | 81,886 | 9,715 | 4,468 | 2,960 | 13,750 | 47,593 | 3,400 |
| 4 | Per cent of all improved land in farms..... | 1.1 | 4.8 | 2.3 | 28.2 | 9.9 | 18.2 | 0.3 |
| 5 | Timber and cut-over land.....acres.. | 850 | ..... | ..... | 600 | 250 | ..... | ..... |
| 6 | Other unimproved land.....acres.. | 12,188 | 625 | 497 | 640 | 1,000 | 8,326 | 1,100 |
| 7 | Swampy, seeped, or alkali, in enterprises.....acres.. | 10,873 | 914 | 497 | 640 | 1,000 | 7,222 | 600 |
| 8 | Suffering a loss of crops from defective drainage.....acres.. | 8,996 | 725 | ..... | 600 | 988 | 6,733 | ..... |
| 9 | Assessed acreage.....acres.. | 105,477 | 10,340 | 4,965 | 3,200 | 15,000 | 66,472 | 5,500 |
| 10 | Excess over all land in operating enterprises.....acres.. | 10,553 | ..... | ..... | ..... | 10,553 | ..... | ..... |
| DRAINAGE WORKS. | | | | | | | | |
| 11 | Open ditches: | | | | | | | |
| 12 | Completed.....miles.. | 162.4 | 7.9 | 12.0 | 4.5 | 26.0 | 80.5 | 25.5 |
| 13 | Additional under construction.....miles.. | 7.4 | 3.9 | ..... | ..... | ..... | ..... | 3.5 |
| 14 | Maximum completed in any enterprise.....miles.. | 18.0 | 3.0 | 12.0 | 4.5 | 18.0 | 13.9 | 11.0 |
| 15 | Maximum width at bottom of ditch ².....feet.. | 40 | 6 | 30 | 10 | 40 | 5 | 14 |
| 16 | Maximum of average depths of outlet ditches ².....feet.. | 10.0 | 7.0 | 8.0 | 3.5 | 9.0 | 10.0 | 10.0 |
| 17 | Mean depth of branch ditches ².....feet.. | 5.4 | 4.5 | 6.0 | 3.0 | ..... | 5.6 | 3.8 |
| 18 | Tile drains: | | | | | | | |
| 19 | Completed.....miles.. | 83.0 | ..... | ..... | ..... | ..... | 82.0 | 1.0 |
| 20 | Additional under construction.....miles.. | 0.7 | 0.7 | ..... | ..... | ..... | ..... | ..... |
| 21 | Maximum completed in any enterprise.....miles.. | 14.1 | ..... | ..... | ..... | ..... | 14.1 | 1.0 |
| 22 | Maximum size of tile ⁴.....inches.. | 32 | ..... | ..... | ..... | ..... | 32 | 8 |
| 23 | Accessory levees and dikes: | | | | | | | |
| 24 | Completed.....miles.. | ..... | ..... | ..... | ..... | ..... | ..... | ..... |
| 25 | Under construction.....miles.. | 1.0 | ..... | ..... | 1.0 | ..... | ..... | ..... |
| 26 | Area drained by open ditches only ².....acres.. | * 64,405 | 7,890 | 4,965 | * 4,200 | 15,000 | 28,950 | 3,400 |
| 27 | Length of these ditches.....miles.. | 108.9 | 6.8 | 12.0 | 4.5 | 26.0 | 41.6 | 18.0 |
| 28 | Average length per acre.....feet.. | 8.9 | 4.6 | 12.8 | 5.7 | 9.2 | 7.6 | 28.0 |
| 29 | Length of the accessory levees.....miles.. | 1.0 | ..... | ..... | 1.0 | ..... | ..... | ..... |
| 30 | Area drained by tile only ².....acres.. | 5,372 | ..... | ..... | ..... | ..... | 5,372 | ..... |
| 31 | Length of these tile.....miles.. | 28.2 | ..... | ..... | ..... | ..... | 28.2 | ..... |
| 32 | Average length per acre.....feet.. | 27.7 | ..... | ..... | ..... | ..... | 27.7 | ..... |
| 33 | Area drained by both ditches and tile ².....acres.. | 25,147 | 2,450 | ..... | ..... | ..... | 21,597 | 1,100 |
| 34 | Length of these drains.....miles.. | 116.4 | 5.7 | ..... | ..... | ..... | 98.7 | 12.0 |
| 35 | Average length per acre.....feet.. | 24.4 | 12.3 | ..... | ..... | ..... | 24.1 | 57.6 |
| DEVELOPMENT OF LAND. | | | | | | | | |
| 36 | Improved land in operating enterprises, 1920.....acres.. | 81,886 | 9,715 | 4,468 | 2,960 | 13,750 | 47,593 | 3,400 |
| 37 | Improved land prior to drainage.....acres.. | 49,748 | 9,715 | 497 | ..... | ..... | 39,536 | ..... |
| 38 | Increase since drainage.....acres.. | 32,138 | 3,971 | 2,960 | ..... | 13,750 | 8,057 | 3,400 |
| 39 | Per cent of increase ⁴ | 64.6 | 799.0 | ..... | ..... | ..... | 20.4 | ..... |
| 40 | Per cent increase of all improved land in farms, 1920..... | 0.5 | 2.1 | 28.2 | 9.9 | ..... | 3.1 | 0.3 |
| 41 | Timber and cut-over land, 1920.....acres.. | 850 | ..... | ..... | 600 | 250 | ..... | ..... |
| 42 | Timber and cut-over land prior to drainage.....acres.. | 1,500 | ..... | ..... | 1,000 | 500 | ..... | ..... |
| 43 | Decrease since drainage.....acres.. | 650 | ..... | ..... | 400 | 250 | ..... | ..... |
| 44 | Per cent of decrease..... | 43.3 | ..... | ..... | 40.0 | 50.0 | ..... | ..... |
| 45 | Other unimproved land, 1920.....acres.. | 12,188 | 625 | 497 | 640 | 1,000 | 8,326 | 1,100 |
| 46 | Other unimproved land prior to drainage.....acres.. | 43,676 | 625 | 4,468 | 3,200 | 14,500 | 16,883 | 4,500 |
| 47 | Decrease since drainage.....acres.. | 31,488 | 3,971 | 2,960 | 13,500 | 8,057 | 19,215 | 3,400 |
| 48 | Per cent of decrease..... | 72.1 | 88.9 | 80.0 | 93.1 | 49.2 | 75.6 | ..... |
| 49 | Swampy, seeped, or alkali, 1920.....acres.. | 10,873 | 914 | 497 | 640 | 1,000 | 7,222 | 600 |
| 50 | Swampy, seeped, or alkali, prior to drainage.....acres.. | 38,871 | 2,803 | 4,468 | 3,200 | 9,000 | 16,500 | 2,900 |
| 51 | Decrease since drainage.....acres.. | 27,998 | 1,889 | 3,971 | 2,560 | 8,000 | 9,278 | 2,300 |
| 52 | Per cent of decrease..... | 72.0 | 67.4 | 88.9 | 80.0 | 88.9 | 56.2 | 79.3 |
| CAPITAL INVESTED AND COST PER ACRE. | | | | | | | | |
| 53 | Total capital invested in and required for completion of operating enterprises.....dollars.. | 1,436,419 | 79,300 | 123,000 | 47,044 | 118,500 | 1,013,675 | 55,000 |
| 54 | Capital invested in these enterprises to Dec. 31, 1919.....dollars.. | 1,337,419 | 50,200 | 123,000 | 37,044 | 118,500 | 1,013,675 | 55,000 |
| 55 | Additional capital required to complete these enterprises.....dollars.. | 39,000 | 29,000 | ..... | 10,000 | ..... | ..... | ..... |
| 56 | Average cost per acre when completed.....dollars.. | 15.13 | 7.66 | 24.77 | 11.20 | 7.90 | 18.13 | 12.22 |
| 57 | Enterprises constructing open ditches only.....dollars.. | * 604,445 | 46,700 | 123,000 | * 47,044 | 118,500 | 244,201 | 25,000 |
| 58 | Average cost per acre when completed.....dollars.. | 9.39 | 5.92 | 24.77 | 11.20 | 7.90 | 8.44 | 7.35 |
| 59 | Enterprises constructing tile drains only.....dollars.. | 192,315 | ..... | ..... | ..... | ..... | 192,315 | ..... |
| 60 | Average cost per acre when completed.....dollars.. | 35.80 | ..... | ..... | ..... | ..... | 35.80 | ..... |
| 61 | Enterprises constructing both open ditches and tile drains.....dollars.. | 632,059 | 32,500 | ..... | ..... | ..... | 577,159 | 30,000 |
| 62 | Average cost per acre when completed.....dollars.. | 25.44 | 13.27 | ..... | ..... | ..... | 26.72 | 27.27 |
| CROPS. | | | | | | | | |
| 63 | Improved land in enterprises reporting— | | | | | | | |
| 64 | Alfalfa as principal crop on drained land.....acres.. | 52,418 | 4,825 | ..... | ..... | ..... | 47,593 | ..... |
| 65 | Hay (except alfalfa) as principal crop on drained land.....acres.. | 19,710 | ..... | ..... | 2,560 | 13,750 | ..... | 3,400 |
| 66 | Wheat as principal crop on drained land.....acres.. | 4,468 | ..... | 4,468 | ..... | ..... | ..... | ..... |
| 67 | Not reporting principal crop on drained land.....acres.. | 5,290 | 4,890 | ..... | 400 | ..... | ..... | ..... |

¹ Includes only Adams and Spokane Counties.² When works under construction have been completed.³ Includes 1,000 acres having open ditches and levees.

MANUFACTURES—WASHINGTON.

EXPLANATION OF TERMS.

Scope of census.—Census statistics of manufactures are compiled primarily for the purpose of showing the absolute and relative magnitude of the different branches of industry covered and their growth or decline. Incidentally, the effort is made to present data throwing light upon character of ownership, size of establishments, and similar subjects. When use is made of the statistics for these purposes it is imperative that due attention be given to their limitations, particularly in connection with any attempt to derive from them figures purporting to show average wages, cost of production, or profits.

The census did not cover establishments which were idle during the entire year or for which products were valued at less than \$500, or the manufacturing done in educational, eleemosynary, and penal institutions.

Period covered.—The returns relate to the calendar year 1919, or the business year which corresponded most nearly to that calendar year, and cover a year's operations, except for establishments which began or discontinued business during the year.

The establishment.—As a rule, the term "establishment" represents a single plant or factory, but in some cases it represents two or more plants which were operated under a common ownership or for which one set of books of account was kept. If, however, the plants constituting an establishment as thus defined were not all located within the same city, county, or state, separate reports were secured in order that the figures for each plant might be included in the statistics for the city, county, or state in which it was located. In some instances separate reports were secured for different industries carried on in the same establishment.

Classification by industries.—The establishments were assigned to the several classes of industries according to their products of chief value. The products reported for a given industry may thus, on the one hand, include minor products different from those covered by the class designation, and, on the other hand, may not represent the total product covered by this designation, because some of this class of product may be made in establishments in which it is not the product of chief value.

As a rule, the same designation is used for the industry wherever it appears, although all of the products indicated by this designation were not manufactured in the state or city for which these statistics are presented. In some instances the wording is changed so as to more correctly describe the products represented. For a number of industries subclasses are shown which indicate more definitely the kind of products.

Selected industries.—The general tables at the end of this section give the principal facts separately for the industries of the state. A selection has been made of certain leading industries of the state for more detailed consideration. Sometimes an industry of great importance has to be omitted because it comprises so few establishments that a detailed presentation would reveal the operations of individual concerns.

Comparisons with previous censuses.—Owing to changes in industrial conditions it is not always possible to classify establishments by industries in such a way as to permit accurate comparison with preceding censuses. At the census of 1909 the figures for kindred industries were combined. This practice has been followed in compiling the statistics for 1919 and 1914 when placed in com-

parison with those for 1909 and prior years. The comparative summary for 1919, 1914, and 1909, therefore, does not show separately all the industries given for 1919 in the detailed statement for the state.

Influence of increased prices.—In comparing figures for cost of materials, value of products, and value added by manufacture in 1919 with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years. To the extent to which this factor has been influential the figures fail to afford an exact measure of the increase in the volume of business.

Persons engaged in the industry.—The following general classes of persons engaged in the manufacturing industries were distinguished: (1) Proprietors and firm members, (2) salaried officers of corporations, (3) superintendents and managers, (4) clerks (including other subordinate salaried employees), and (5) wage earners. In the reports for the censuses of 1904 and 1899 these five classes were shown according to the three main groups: (1) Proprietors and firm members, (2) salaried officials, clerks, etc., and (3) wage earners. In comparative tables covering the census of 1904 it is of course necessary to group the figures according to the classification that was employed at the earlier censuses.

The number of persons engaged in each industry, segregated by sex, and, in the case of wage earners, also by age (whether under 16 or 16 and over), was reported for a single representative day. The 15th of December was selected as representing for most industries normal conditions of employment, but where this date was not a representative day an earlier date was chosen.

In the case of employees other than wage earners the number thus reported for the representative date has been treated as equivalent to the average for the year, since the number of employees of this class does not ordinarily vary much from month to month. In the case of wage earners the average has been obtained in the manner explained in the next paragraph.

In addition to the more detailed report by sex and age of the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, by sex, without distinction of age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12. The importance of the industry as an employer of labor is believed to be more accurately measured by this average than by the number employed at any one time or on a given day.

The number of wage earners reported for the representative day, though given in certain tables for each separate industry, is not totaled for all industries combined for any state, because, in view of the variations of date, such a total is not believed to be significant. It would involve more or less duplication of persons working in different industries at different times, would not represent the total number employed in all industries at any one time, and would give an undue weight to seasonal industries as compared with industries in continual operation. This total, however, is shown for the different cities, because the limited area and greater regularity of employment largely overcame the objection incident to its publication for the separate states or the United States.

MANUFACTURES—WASHINGTON.

In order to determine as nearly as possible the age distribution of the average number of wage earners for a given state as a whole, the per cent distribution by age of the wage earners in each industry for December 15, or the nearest representative day, has been calculated from the actual numbers reported for that date. The percentages thus obtained have been applied to the average number of wage earners for the year in that industry to determine the average numbers 16 years and over, and under 16, employed. These calculated averages for the several industries have been added to give the average distribution for each state as a whole and for the entire country.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively. The Census Bureau has not undertaken to calculate the average annual earnings of either salaried employees or wage earners. Such averages would possess little real value, because they would be based on the earnings of employees of both sexes, of all ages, and of widely varying degrees of skill. Furthermore, so far as wage earners are concerned, it would be impossible to calculate accurately even so simple an average as this, since the number of wage earners fluctuates from month to month in every industry, and in some cases to a very great extent. The Census Bureau's figures for wage earners, as already explained, are averages based on the number employed on the 15th of each month, and while representing the number according to the pay rolls to whom wages were paid on that date, no doubt represent a larger number than would be required to perform the work in any industry if all were continuously employed during the year.

Pervailing hours of labor.—No attempt was made to ascertain the number of wage earners working a given number of hours per week. The inquiry called merely for the prevailing practice followed in each establishment. Occasional variations in hours in an establishment from one part of the year to another were disregarded, and no attention was paid to the fact that a few wage earners might have hours differing from those of the majority. All the wage earners of each establishment are therefore counted in the class within which the establishment itself falls. In most establishments, however, practically all the wage earners work the same number of hours, so that the figures give a substantially correct representation of the hours of labor.

Capital.—The instructions on the schedule for securing data relating to capital were as follows:

"The answer should show the total amount of capital, both owned and borrowed, on the last day of the business year reported. All the items of fixed and live capital may be taken at the amounts carried on the books. If land or buildings are rented, that fact should be stated and no value given. If a part of the land or buildings is owned, the remainder being rented, that fact should be so stated and only the value of the owned property given. Do not include securities and loans representing investments in other enterprises."

These instructions were identical with those employed at the censuses of 1914 and 1909. The data compiled in respect to capital, however, at both censuses, as well as at all preceding censuses of manufactures, have been so defective as to be of little value except

as indicating very general conditions. In fact, it has been repeatedly recommended by the census authorities that this inquiry be omitted from the schedule. While there are some establishments whose accounting systems are such that an accurate return for capital could be made, this is not true of the great majority, and the figures therefore do not show the actual amount of capital invested.

Materials.—The statistics as to cost of materials relate to the materials used during the year, which may be more or less than the materials purchased during the year. The term "materials" covers fuel, rent of power and heat, mill supplies, and containers, as well as materials which form a constituent part of the product.

Rent and taxes.—The taxes include certain Federal taxes and state, county, and local taxes. Under "Federal taxes" there are included the internal-revenue tax on manufactures (tobacco, beverages, etc.), excise taxes when included in values reported for products, corporation capital stock tax, and corporation income tax, but not the income tax for individuals and partners.

Value of products.—The amounts given under this heading represent the selling value or price at the factory of all products manufactured during the year, which may differ from the value of the products sold.

Value added by manufacture.—The value of products is not always a satisfactory measure of either the absolute or the relative importance of a given industry, because only a part of this value is actually created by the manufacturing processes carried on in the industry itself. Another part, and often by far the larger one, represents the value of the materials used. For many purposes, therefore, the best measure of the importance of an industry, from a manufacturing standpoint, is the value created by the manufacturing operations carried on within the industry. This value is calculated by deducting the cost of the materials used from the value of the products. The figure thus obtained is termed in the census reports "value added by manufacture."

Cost of manufacture and profits.—The census data do not show the entire cost of manufacture, and consequently can not be used for the calculation of profits. No account has been taken of depreciation or interest, rent of offices and buildings other than factory or works, insurance, ordinary repairs, advertising, and other sundry expenses.

Primary horsepower.—This item represents the total primary power generated by the manufacturing establishments plus the amount of power, principally electric, rented from other concerns. It does not cover the power of electric motors taking their current from dynamos driven by primary power machines operated by the same establishment, because the inclusion of such power would obviously result in duplication. The figures for primary horsepower represent the rated capacity of the engines, motors, etc., and not the amount of power in actual daily use.

Fuel.—Statistics of the quantity of fuel used are shown only for anthracite and bituminous coal, coke, fuel oils, gasoline and other volatile oils, and gas—natural and manufactured—and represent the quantity used during the year. As only the principal kinds of fuel are shown, comparison as to the total cost of all fuel is impracticable. A comparison, however, of the total quantities of the several kinds of fuel used in 1919 and 1914 is given.

GENERAL STATISTICS.

General character of the state.—Washington has a gross area of 69,127 square miles, of which 66,836 represent land surface. The inhabitants of the state in 1900 numbered 518,103; in 1910, 1,141,990; and in 1920, 1,356,621. In total population Washington ranked thirtieth among the states in 1920. The number of inhabitants per square mile in 1910 was 17.1, the corresponding figure for 1920 being 20.3.

In 1920 there were 10 cities in the state—Aberdeen, Bellingham, Everett, Hoquiam, Seattle, Spokane, Tacoma, Vancouver, Walla Walla, and Yakima—having more than 10,000 inhabitants. The combined population of these 10 cities in that year was 642,017, which formed 63.8 per cent of the total for Washington. These cities in 1919 reported 63.8 per cent of the value of the state's manufactured products.

Importance and growth of manufactures (Table 1).—The increases in wages, cost of materials, and value of products, from 1914 to 1919, as presented in Table 1, are in a great measure due to the changes in industrial conditions brought about by the World War. The increases shown, however, in average number of wage earners and horsepower are indicative of a decided growth in the manufacturing activities of the state. The addition of the Federal income tax since 1914 accounts for the large increase in "Rent and taxes."

Statistics for the state, by counties (Table 2).—Figures are not available for comparison of county totals for 1919 with those for prior censuses. Of the 39 counties in the state, King and Pierce, containing the cities of Seattle and Tacoma, reported 56 per cent of the total value of products in the state and 50.6 per cent of the average number of wage earners.

Principal industries, ranked by value of products (Table 3).—The ranking of industries by value of products is not always conclusive as indicating their importance from a manufacturing standpoint. Their ranking would change materially if based upon the average number of wage earners or value added by manufacture.

Persons engaged in manufacturing industries (Table 4).—The age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms." The classification by sex, for 1919, was reported separately, but for 1914 and 1909 was obtained in the same manner as the distribution by age. Figures for individual industries will be found in Table 31.

Average number of wage earners for selected industries (Table 5).—The industries covered by this table are those which employed 500 or more wage earners in 1919, and for which statistics can be shown without the possibility of disclosing the operations of individual establishments.

Average number of wage earners, by sex and age, and value of products for cities of 10,000 inhabitants or more (Table 6).—During the census period 1914–1919 all cities show increases in value of products, due largely to the increased value of commodities at the latter period. Seattle is by far the most important city in the state and shows an increase during this five-year period of 28,414, or 228.6 per cent, in the average number of wage earners, and \$209,955,797, or 325.6 per cent, in value of products.

Wage earners, by months (Table 7).—The statistics for wage earners in this table are intended to show the steadiness of employment, or the reverse, in accordance with the industrial conditions existing during the several census years.

Wage earners, by months, for selected industries and for cities (Table 8).—In addition to the number of wage earners employed by months, this table gives similar data for males and females for all industries combined for the state and for cities of 10,000 inhabitants or more. The table also shows a number of industries in the state in 1919 employing a considerable proportion of female wage earners.

Prevailing hours of labor (Table 9).—Since 1914 there has been a marked shortening of the working day in Washington. In that year only 15.7 per cent of the wage earners were reported in the group "48 and under" as against 93.9 per cent in 1919. In 1914 the "60" and "Over 60" groups constituted 64.9 per cent of the total number of wage earners, as compared with 1.5 per cent in 1919.

Size of establishments, by average number of wage earners, for selected industries and for cities (Table 10).—The predominance of the number of small establishments, when based on the average number of wage earners employed, is evidenced in this table by the fact that of the total number of establishments in the state, 94.7 per cent were in the several classes having fewer than 101 wage earners, while such establishments employed but 31.3 per cent of the total number of wage earners. On the other hand, the establishments employing an average of more than 100 wage earners represented only 5.3 per cent of the total

manufacturing establishments in the state, but reported 68.7 per cent of the total number of wage earners.

Size of establishments, by value of products (Table 11).—At the censuses of 1909 and 1914 establishments with products valued at "\$100,000 to \$1,000,000" constituted one group, but at the census of 1919 this group was subdivided into "\$100,000 to \$500,000" and "\$500,000 to \$1,000,000." Separate figures for the number of establishments and value of products have been compiled, however, from the returns for 1914. The table, therefore, gives combined figures for these two groups for all items for 1909, and for the average number of wage earners and value added by manufacture for 1914.

Size of establishments, by value of products, for selected industries (Table 12).—In the preparation of this table it was necessary in some instances to combine the establishments of one group of the industry with those of some other group of that industry to avoid the possibility of disclosing the operations of individual establishments.

Size of establishments, by value of products, for cities of 10,000 inhabitants or more (Table 13).—This table strikingly illustrates the fact that the number of establishments of itself is no real index of the extent of manufacturing activities.

Character of ownership (Table 14).—The predominance of corporate ownership is clearly brought out in this table. Although corporations owned but 38.9 per cent of the total number of establishments in the state in 1919, they reported 90.5 per cent of the aver-

age number of wage earners and 91.4 per cent of the total value of products. During the five-year period 1914 to 1919 the average number of wage earners in corporations increased 61,190, or 103.4 per cent, and the value of products, \$522,977,978, or 241.4 per cent.

Manufactures, by population groups, in cities of 10,000 inhabitants or more (Table 15).—This table shows that the combined number of establishments in these 10 cities in 1919 represented 50.3 per cent of the total in the state. They reported in that year 55.5 per cent of the average number of wage earners and 63.8 per cent of the total value of products.

Principal industries in Seattle, Spokane, and Tacoma, with per cent of total for state (Table 16).—This table includes all industries in the cities of Seattle, Spokane, and Tacoma having products of \$700,000 and over, for which figures can be shown without disclosing the operations of individual establishments.

Number and horsepower of types of prime movers (Table 17).—The total horsepower reported in 1919, as compared with that for 1914, shows an increase of 297,869 horsepower, or 76.5 per cent. Of this increase, 162,761 horsepower, or 54.6 per cent, was owned power, and 135,108, or 45.4 per cent, rented power. During this five-year period, owned power increased 53.5 per cent and rented power 158.6 per cent.

Fuel consumed (Table 18).—This table shows the principal kinds of fuel used by the manufacturing plants in the state in 1919 and 1914, and gives separately for 1919 the amounts consumed by a number of important industries which use considerable quantities of fuel.

TABLE 1.—COMPARATIVE SUMMARY: 1919, 1914, 1909, 1904, AND 1899.

| | MANUFACTURING INDUSTRIES. | | | | | PER CENT OF INCREASE. | | | |
|------------------------------------|---------------------------|---------------|---------------|--------------|--------------|-----------------------|-----------|-----------|-----------|
| | 1919 | 1914 | 1909 | 1904 | 1899 | 1914-1919 | 1909-1914 | 1904-1909 | 1899-1904 |
| Number of establishments..... | 4,918 | 3,829 | 3,674 | 2,751 | 1,926 | 28.4 | 4.2 | 33.6 | 42.8 |
| Persons engaged..... | | | | | | | | | |
| Proprietors and firm members..... | 150,479 | 78,448 | 80,118 | 51,459 | (*) | 91.8 | -2.1 | 55.7 | ----- |
| Salaried employees..... | 4,195 | 3,155 | 3,284 | 2,602 | (*) | 33.0 | -3.3 | 25.4 | ----- |
| Wage earners (average number)..... | 13,358 | 8,088 | 7,734 | 3,658 | 2,103 | 65.1 | 4.6 | 111.4 | 73.9 |
| Primary horsepower..... | 687,436 | 389,567 | 297,897 | 168,342 | 87,601 | 76.5 | 30.8 | 77.0 | 92.2 |
| Capital..... | \$574,235,183 | \$277,715,262 | \$222,261,239 | \$96,952,621 | \$41,574,744 | 106.8 | 24.9 | 129.2 | 133.2 |
| Salaries and wages..... | 225,341,988 | 63,207,140 | 59,592,947 | 34,180,206 | 19,128,588 | 256.5 | 6.1 | 74.3 | 78.7 |
| Salaries..... | 30,373,768 | 11,604,088 | 9,526,579 | 4,092,919 | 2,063,448 | 164.0 | 17.1 | 140.1 | 98.4 |
| Wages..... | 194,968,222 | 51,703,052 | 49,766,388 | 30,087,287 | 17,065,140 | 277.1 | 3.9 | 65.4 | 76.3 |
| Paid for contract work..... | 5,376,513 | 2,132,242 | 2,175,766 | 2,480,710 | (*) | 152.2 | -2.0 | -12.3 | ----- |
| Rent and taxes..... | 23,851,653 | 5,150,538 | 3,457,250 | * 1,129,380 | (*) | 363.1 | 49.0 | ----- | 72.1 |
| Cost of materials..... | 443,177,531 | 136,609,309 | 117,887,688 | 66,186,165 | 38,276,944 | 224.4 | 15.9 | 78.2 | 72.9 |
| Value of products..... | 809,622,984 | 245,328,456 | 220,746,421 | 128,821,667 | 70,831,345 | 230.0 | 11.1 | 71.4 | 81.9 |
| Value added by manufacture..... | 366,445,453 | 108,717,147 | 102,856,738 | 62,655,502 | 32,554,401 | 237.1 | 6.7 | 64.2 | 92.5 |

¹A minus sign (—) denotes decrease.

²Figures not available.

³Exclusive of internal revenue.

⁴Value of products less cost of materials.

MANUFACTURES—WASHINGTON

107

TABLE 2.—STATISTICS FOR THE STATE, BY COUNTIES: 1919.

| COUNTY. | Number of establish-ments. | WAGE EARNERS. | | Rent and taxes. | Cost of materials. | Value of products. | Value added by manufac-ture. | Primary horse-power. |
|-------------------|----------------------------|-----------------|---------------|-----------------|--------------------|--------------------|------------------------------|----------------------|
| | | Average number. | Wages. | | | | | |
| The state... | 4,918 | 132,928 | \$194,908,222 | \$23,851,553 | \$443,177,531 | \$809,622,984 | \$366,445,453 | 687,435 |
| Adams..... | 22 | 175 | 287,139 | 15,657 | 1,875,684 | 2,336,434 | 460,750 | 577 |
| Asotin..... | 14 | 92 | 56,220 | 4,906 | 580,829 | 796,705 | 215,876 | 425 |
| Benton..... | 29 | 89 | 118,831 | 16,593 | 874,238 | 1,214,806 | 340,563 | 663 |
| Chelan..... | 77 | 728 | 1,029,327 | 61,424 | 2,260,195 | 4,170,533 | 1,910,338 | 4,082 |
| Clallam..... | 57 | 1,633 | 2,465,748 | 115,123 | 3,006,200 | 6,647,924 | 3,541,724 | 8,975 |
| Clarke..... | 110 | 6,134 | 9,450,452 | 267,649 | 16,117,662 | 30,613,359 | 14,495,697 | 33,411 |
| Columbia..... | 22 | 55 | 112,077 | 9,497 | 1,061,268 | 1,331,503 | 270,235 | 574 |
| Cowlitz..... | 55 | 1,145 | 1,998,827 | 226,851 | 1,971,734 | 5,019,919 | 3,048,189 | 16,283 |
| Douglas..... | 29 | 31 | 45,387 | 8,006 | 183,418 | 286,591 | 133,173 | 331 |
| Ferry..... | 18 | 68 | 94,555 | 3,852 | 191,475 | 406,266 | 214,791 | 744 |
| Franklin..... | 13 | 354 | 463,592 | 29,523 | 1,759,085 | 2,416,462 | 657,397 | 670 |
| Garfield..... | 12 | 25 | 34,863 | 3,069 | 457,607 | 563,050 | 107,453 | 244 |
| Grant..... | 16 | 21 | 28,920 | 3,787 | 463,727 | 541,760 | 78,033 | 467 |
| Grays Harbor..... | 199 | 10,405 | 16,133,339 | 1,444,904 | 21,374,872 | 47,875,238 | 26,500,366 | 107,920 |
| Island..... | 30 | 158 | 224,836 | 4,674 | 304,012 | 792,467 | 488,455 | 1,374 |
| Jefferson..... | 46 | 656 | 915,764 | 68,522 | 1,355,614 | 2,962,415 | 1,606,801 | 7,456 |
| King..... | 1,405 | 47,474 | 72,841,559 | 12,659,457 | 162,708,895 | 304,591,932 | 141,883,037 | 135,253 |
| Kitsap..... | 73 | 1,068 | 1,351,639 | 129,497 | 2,668,159 | 4,823,990 | 2,155,801 | 7,781 |
| Kittitas..... | 46 | 372 | 547,530 | 27,687 | 829,093 | 1,717,739 | 888,846 | 1,890 |
| Klickitat..... | 49 | 287 | 435,775 | 14,002 | 359,218 | 1,114,229 | 755,011 | 2,382 |
| Lewis..... | 192 | 4,192 | 6,749,114 | 352,618 | 7,106,515 | 18,713,019 | 11,606,504 | 33,498 |
| Lincoln..... | 44 | 164 | 234,662 | 57,758 | 4,120,444 | 4,730,425 | 600,981 | 1,815 |
| Mason..... | 38 | 732 | 1,197,116 | 96,472 | 1,028,514 | 2,885,190 | 1,856,676 | 5,108 |
| Okanogan..... | 72 | 135 | 167,581 | 13,324 | 586,170 | 957,055 | 370,885 | 1,767 |
| Pacific..... | 104 | 2,539 | 3,908,500 | 195,384 | 4,880,462 | 11,456,328 | 6,575,886 | 20,056 |
| Pend Oreille..... | 46 | 969 | 1,054,352 | 69,733 | 1,102,342 | 3,182,368 | 2,080,026 | 8,969 |
| Pierce..... | 480 | 19,728 | 27,335,826 | 2,633,922 | 95,873,318 | 148,846,696 | 52,973,378 | 95,631 |
| San Juan..... | 19 | 244 | 256,634 | 14,855 | 1,139,515 | 2,012,175 | 872,660 | 663 |
| Skagit..... | 116 | 3,851 | 6,144,397 | 707,609 | 11,057,500 | 23,375,730 | 12,318,224 | 23,488 |
| Skamania..... | 18 | 267 | 469,844 | 11,550 | 228,866 | 860,455 | 631,589 | 1,203 |
| Snohomish..... | 294 | 9,418 | 13,832,988 | 1,880,496 | 24,797,351 | 51,714,143 | 26,916,792 | 53,229 |
| Spokane..... | 424 | 7,707 | 8,720,807 | 1,188,510 | 31,985,355 | 50,973,532 | 18,988,147 | 36,959 |
| Stevens..... | 67 | 702 | 775,485 | 48,044 | 2,709,637 | 4,064,823 | 1,353,186 | 2,284 |
| Thurston..... | 106 | 3,261 | 4,679,575 | 300,618 | 4,832,707 | 12,877,103 | 8,044,456 | 17,387 |
| Wahkiakum..... | 36 | 774 | 1,111,391 | 112,059 | 2,284,504 | 4,396,048 | 2,100,644 | 9,840 |
| Walla Walla..... | 89 | 492 | 627,046 | 107,535 | 4,509,254 | 6,279,166 | 1,769,912 | 2,321 |
| Whatcom..... | 210 | 4,726 | 6,630,523 | 727,409 | 17,632,973 | 30,133,461 | 12,500,488 | 27,599 |
| Whitman..... | 98 | 258 | 412,188 | 38,781 | 2,155,289 | 2,935,764 | 778,476 | 1,331 |
| Yakima..... | 143 | 1,647 | 1,924,113 | 239,472 | 4,768,764 | 9,106,091 | 4,337,327 | 6,336 |

MANUFACTURES—WASHINGTON.

TABLE 3.—PRINCIPAL INDUSTRIES, RANKED BY VALUE OF PRODUCTS: 1919.

| INDUSTRY. | Number of establishments | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | | INDUSTRY. | Number of establishments | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | |
|--|--------------------------|----------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|--|--------------------------|----------------|-----------------------|---------------------------------|-----------------------|---------------------------------|-----------------------|
| | | Average number | Per cent distribution | Amount (expressed in thousands) | Per cent distribution | Amount (expressed in thousands) | Per cent distribution | | | Average number | Per cent distribution | Amount (expressed in thousands) | Per cent distribution | Amount (expressed in thousands) | Per cent distribution |
| All industries..... | 4,918 | 132,928 | 100.0 | \$809,623 | 100.0 | \$360,445 | 100.0 | Furniture..... | 59 | 787 | 0.6 | \$2,777 | 0.3 | \$1,724 | 0.3 |
| Lumber and timber products..... | 1,130 | 53,393 | 40.2 | 220,512 | 27.2 | 135,206 | 36.9 | Copper, tin, and sheet-iron work..... | 110 | 409 | 0.3 | 2,547 | 0.3 | 1,405 | 0.4 |
| Shipbuilding, steel..... | 9 | 29,391 | 22.1 | 140,950 | 17.4 | 77,631 | 21.2 | Engines, steam, gas, and water..... | 13 | 546 | 0.4 | 2,527 | 0.3 | 1,402 | 0.4 |
| Flour-mill and gristmill products..... | 119 | 1,536 | 1.1 | 81,141 | 10.0 | 7,956 | 2.2 | Clothing, men's..... | 9 | 468 | 0.4 | 2,231 | 0.3 | 1,312 | 0.4 |
| Slaughtering and meat packing..... | 29 | 1,222 | 0.9 | 34,389 | 4.2 | 5,264 | 1.4 | Food preparations, not elsewhere specified..... | 40 | 128 | 0.1 | 2,065 | 0.3 | 683 | 0.2 |
| Shipbuilding, wooden, including boat building..... | 67 | 5,185 | 3.9 | 25,539 | 3.2 | 14,842 | 4.1 | Pickles, preserves, and sauces..... | 17 | 256 | 0.2 | 2,041 | 0.3 | 786 | 0.2 |
| Foundry and machine-shop products..... | 233 | 3,641 | 2.7 | 20,801 | 2.6 | 12,705 | 3.5 | Liquors, malt..... | 8 | 141 | 0.1 | 1,833 | 0.2 | 815 | 0.2 |
| Condensed milk..... | 14 | 734 | 0.5 | 19,557 | 2.4 | 3,940 | 1.1 | Brick and tile, terra-cotta, and fire-clay products..... | 35 | 664 | 0.5 | 1,783 | 0.2 | 1,227 | 0.3 |
| Canning and preserving, fish..... | 66 | 1,683 | 1.3 | 15,860 | 2.0 | 5,559 | 1.5 | Brass, bronze, and copper products..... | 16 | 163 | 0.1 | 1,608 | 0.2 | 603 | 0.2 |
| Bread and other bakery products..... | 384 | 1,743 | 1.3 | 15,043 | 1.9 | 5,806 | 1.6 | Cars and general shop construction and repairs by electric-railroad companies..... | 16 | 679 | 0.5 | 1,580 | 0.2 | 1,001 | 0.3 |
| Cars and general shop construction and repairs by steam-railroad companies..... | 35 | 6,480 | 4.9 | 14,935 | 1.8 | 9,211 | 2.5 | Mattresses and spring beds, not elsewhere specified..... | 12 | 226 | 0.2 | 1,385 | 0.2 | 634 | 0.2 |
| Butter..... | 101 | 475 | 0.4 | 12,991 | 1.6 | 2,260 | 0.6 | Chemicals..... | 8 | 90 | 0.1 | 1,383 | 0.2 | 828 | 0.2 |
| Printing and publishing, newspapers and periodicals..... | 316 | 1,404 | 1.1 | 11,954 | 1.5 | 9,156 | 2.5 | Mineral and soda waters..... | 53 | 123 | 0.1 | 1,257 | 0.2 | 585 | 0.2 |
| Lumber planing-mill products, not including planing mills connected with sawmills..... | 86 | 1,946 | 1.5 | 10,932 | 1.4 | 4,871 | 1.3 | Automobile bodies and parts..... | 58 | 276 | 0.2 | 1,226 | 0.2 | 761 | 0.2 |
| Paper and wood pulp..... | 6 | 1,610 | 1.2 | 10,653 | 1.3 | 5,591 | 1.5 | Awnings, tents, and sails..... | 15 | 107 | 0.1 | 1,174 | 0.1 | 422 | 0.1 |
| Confectionery and ice cream..... | 119 | 1,596 | 1.2 | 10,302 | 1.3 | 4,618 | 1.3 | Clothing, women's..... | 20 | 282 | 0.2 | 1,171 | 0.1 | 582 | 0.2 |
| Canning and preserving, fruits..... | 20 | 1,348 | 1.0 | 9,296 | 1.1 | 3,416 | 0.9 | Electrical machinery, apparatus, and supplies..... | 12 | 190 | 0.1 | 1,067 | 0.1 | 421 | 0.1 |
| Automobile repairing..... | 562 | 1,687 | 1.3 | 6,933 | 0.9 | 4,538 | 1.2 | Jewelry..... | 16 | 215 | 0.2 | 1,022 | 0.1 | 568 | 0.2 |
| Tinware, not elsewhere specified..... | 6 | 610 | 0.5 | 6,684 | 0.8 | 1,182 | 0.3 | Boxes, paper and other, not elsewhere specified..... | 11 | 329 | 0.2 | 973 | 0.1 | 521 | 0.1 |
| Printing and publishing, book and job..... | 232 | 906 | 0.7 | 4,710 | 0.6 | 3,199 | 0.9 | Wooden goods, not elsewhere specified..... | 8 | 280 | 0.2 | 944 | 0.1 | 653 | 0.2 |
| Coffee, roasting and grinding..... | 24 | 215 | 0.2 | 4,357 | 0.5 | 1,191 | 0.3 | Marble and stone work..... | 27 | 150 | 0.1 | 928 | 0.1 | 608 | 0.2 |
| Gas, illuminating and heating..... | 12 | 637 | 0.5 | 3,680 | 0.5 | 2,074 | 0.6 | Saddlery and harness..... | 42 | 74 | 0.1 | 922 | 0.1 | 438 | 0.1 |
| Boxes, wooden packing, except cigar boxes..... | 16 | 679 | 0.5 | 3,381 | 0.4 | 1,645 | 0.4 | Agricultural implements..... | 9 | 146 | 0.1 | 913 | 0.1 | 467 | 0.1 |
| Cement..... | 4 | 436 | 0.3 | 3,241 | 0.4 | 1,521 | 0.4 | Vinegar and cider..... | 19 | 98 | 0.1 | 902 | 0.1 | 477 | 0.1 |
| Iron and steel forgings, not made in steel works or rolling mills..... | 11 | 346 | 0.3 | 3,155 | 0.4 | 1,361 | 0.4 | All other industries ¹ | 694 | 7,198 | 5.3 | 82,328 | 10.2 | 22,791 | 6.2 |

¹ Among the industries for which statistics can not be shown separately without the possibility of disclosing the operations of individual establishments are 7 having products in excess of some for which figures are shown in the table. These industries are as follows: "Bags, other than paper, not including bags made in textile mills"; "cars, steam-railroad, not including operations of railroad companies"; "explosives"; "iron and steel, steel works and rolling mills"; "smelting and refining, copper"; "smelting, lead"; and "wood preserving."

TABLE 4.—PERSONS ENGAGED IN MANUFACTURING INDUSTRIES: 1919, 1914, AND 1909.

| CLASS. | Census year. | Total. | Male. | Female. | PER CENT OF TOTAL | | CLASS. | Census year. | Total. | Male. | Female. | PER CENT OF TOTAL | |
|-------------------------------------|--------------|---------|---------|---------|-------------------|---------|--|--------------|---------|---------|---------|-------------------|---------|
| | | | | | Male. | Female. | | | | | | Male. | Female. |
| All classes..... | 1919 | 150,479 | 139,977 | 10,502 | 93.0 | 7.0 | Clerks and other subordinate salaried employees..... | 1919 | 8,135 | 5,405 | 2,730 | 66.4 | 33.6 |
| | 1914 | 78,448 | 73,957 | 4,491 | 94.3 | 5.7 | | 1914 | 5,189 | 4,158 | 1,011 | 80.4 | 19.6 |
| | 1909 | 80,118 | 76,342 | 3,776 | 95.3 | 4.7 | | 1909 | 4,684 | 3,880 | 804 | 82.8 | 17.2 |
| Proprietors and officials..... | 1919 | 9,416 | 9,169 | 247 | 97.4 | 2.6 | Wage earners (average number).... | 1919 | 132,928 | 125,403 | 7,525 | 94.3 | 5.7 |
| | 1914 | 6,074 | 5,913 | 161 | 97.3 | 2.7 | | 1914 | 67,205 | 63,886 | 3,319 | 95.1 | 4.9 |
| | 1909 | 6,314 | 6,201 | 113 | 98.2 | 1.8 | | 1909 | 60,120 | 66,261 | 2,359 | 95.9 | 4.1 |
| Proprietors and firm members.... | 1919 | 4,195 | 4,084 | 111 | 97.4 | 2.6 | 16 years of age and over..... | 1919 | 132,655 | 125,202 | 7,453 | 94.4 | 5.6 |
| | 1914 | 3,155 | 3,028 | 127 | 96.0 | 4.0 | | 1914 | 66,955 | 63,886 | 3,269 | 95.1 | 4.9 |
| | 1909 | 3,264 | 3,178 | 86 | 97.4 | 2.6 | | 1909 | 68,854 | 66,042 | 2,812 | 95.9 | 4.1 |
| Salaried officers of corporations.. | 1919 | 1,584 | 1,506 | 78 | 95.1 | 4.9 | Under 16 years of age..... | 1919 | 273 | 201 | 72 | 73.6 | 26.4 |
| | 1914 | 1,063 | 1,038 | 25 | 97.6 | 2.4 | | 1914 | 250 | 200 | 50 | 80.0 | 20.0 |
| | 1909 | 1,094 | 1,078 | 16 | 98.5 | 1.5 | | 1909 | 268 | 219 | 47 | 82.3 | 17.7 |
| Superintendents and managers.. | 1919 | 3,637 | 3,579 | 58 | 98.4 | 1.6 | | | | | | | |
| | 1914 | 1,856 | 1,847 | 9 | 99.5 | 0.5 | | | | | | | |
| | 1909 | 1,956 | 1,945 | 11 | 99.4 | 0.6 | | | | | | | |

MANUFACTURES—WASHINGTON.

109

TABLE 5.—AVERAGE NUMBER OF WAGE EARNERS FOR SELECTED INDUSTRIES, WITH PER CENT, BY SEX AND AGE: 1919 AND 1914.

| INDUSTRY. | Cen-sus year. | Wage earners (aver-age num-ber). | PER CENT OF TOTAL. | | | INDUSTRY. | Cen-sus year. | Wage earners (aver-age num-ber). | PER CENT OF TOTAL. | | |
|--|---------------|----------------------------------|---------------------------|-------|-------------------------|---|---------------|----------------------------------|---------------------------|------|-------------------------|
| | | | 16 years of age and over. | | Un-der 16 years of age. | | | | 16 years of age and over. | | Un-der 16 years of age. |
| | | | | | | | | | | | |
| All industries..... | 1919 | 132,928 | 94.2 | 5.6 | 0.2 | Flour-mill and gristmill products..... | 1919 | 1,536 | 97.1 | 2.7 | 0.1 |
| | 1914 | 67,205 | 94.8 | 4.9 | 0.4 | | 1914 | 928 | 97.7 | 2.3 | ..... |
| | 1909 | 69,120 | 95.5 | 4.1 | 0.4 | Foundry and machine-shop products ¹ | 1919 | 3,061 | 99.7 | 0.3 | 0.1 |
| Automobile repairing..... | 1919 | 1,687 | 99.3 | 0.6 | 0.1 | | 1914 | 1,850 | 99.8 | 0.1 | 0.1 |
| | 1914 | 67 | 100.0 | ..... |  | Furniture..... | 1919 | 787 | 83.4 | 16.4 | 0.3 |
| Boxes, wooden packing, except cigar boxes..... | 1919 | 679 | 90.7 | 7.7 | 1.6 | | 1914 | 544 | 97.4 | 1.5 | 1.1 |
| | 1914 | 338 | 91.7 | 5.0 | 3.3 | Gas, illuminating and heating..... | 1919 | 637 | 99.7 | 0.3 | ..... |
| Bread and other bakery products..... | 1919 | 1,743 | 66.4 | 32.5 | 1.1 | Lumber and timber products..... | 1919 | 53,393 | 98.9 | 1.1 | (*) |
| | 1914 | 1,419 | 66.6 | 31.9 | 1.5 | | 1914 | 36,461 | 99.7 | 0.2 | 0.1 |
| Brick and tile, terra-cotta, and fire-clay products..... | 1919 | 664 | 99.2 | 0.2 | 0.6 | Lumber, planing-mill products, not including planing mills connected with sawmills..... | 1919 | 1,946 | 95.0 | 5.0 | ..... |
| | 1914 | 982 | 99.1 | ..... |  | 1914 | 1,273 | 99.1 | ..... | 0.9 | |
| Canning and preserving, fish..... | 1919 | 1,683 | 83.5 | 16.2 | 0.3 | Paper and wood pulp ² | 1919 | 1,610 | 91.0 | 9.0 | ..... |
| | 1914 | 1,715 | 82.0 | 16.2 | 1.7 | Printing and publishing, book and job..... | 1919 | 906 | 74.5 | 22.6 | 2.9 |
| Canning and preserving, fruits..... | 1919 | 1,348 | 31.6 | 64.5 | 3.9 | | 1914 | 932 | 82.7 | 14.8 | 2.5 |
| | 1914 | 367 | 50.1 | 48.2 | 1.6 | Printing and publishing, newspapers and periodicals..... | 1919 | 1,404 | 90.4 | 7.5 | 2.1 |
| Cars and general shop construction and repairs by electric-railroad companies..... | 1919 | 679 | 98.5 | 1.3 | 0.1 | | 1914 | 1,302 | 86.6 | 11.6 | 1.8 |
| | 1914 | 382 | 100.0 | ..... |  | Shipbuilding, including boat building..... | 1919 | 34,576 | 99.7 | 0.1 | 0.2 |
| Cars and general shop construction and repairs by steam-railroad companies..... | 1919 | 6,480 | 98.6 | 1.4 | ..... |  | 1914 | 1,444 | 99.9 | 0.1 | ..... |
| Condensed milk..... | 1919 | 734 | 78.7 | 21.3 | ..... | Slaughtering and meat packing..... | 1919 | 1,222 | 90.2 | 9.8 | ..... |
| | 1914 | 436 | 88.9 | 13.1 | 3.0 | | 1914 | 864 | 90.2 | 3.8 | ..... |
| Confectionery and ice cream..... | 1919 | 1,596 | 33.3 | 66.4 | 0.3 | Tinware, not elsewhere specified..... | 1919 | 610 | 59.8 | 40.0 | 0.2 |
| | 1914 | 638 | 41.5 | 58.0 | 0.5 | | 1914 | 60 | 88.3 | 10.0 | 1.7 |
| Engines, steam, gas, and water..... | 1919 | 546 | 99.8 | ..... | 0.2 | All other industries..... | 1919 | 12,801 | 78.9 | 20.7 | 0.4 |
| | 1914 | 21 | 100.0 | ..... |  |  | 1914 | 10,029 | 84.7 | 14.7 | 0.6 |

¹ Includes "iron and steel, welding."² Less than one-tenth of 1 per cent.

* Not shown separately in 1914.

TABLE 6.—AVERAGE NUMBER OF WAGE EARNERS, BY SEX AND AGE, AND VALUE OF PRODUCTS FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

| CITY. | AVERAGE NUMBER OF WAGE EARNERS IN MANUFACTURING INDUSTRIES. | | | | | | | | | | | | VALUE OF PRODUCTS. | |
|------------------|---|--------|--------|---------------------------|--------|---------|-------|-------|-------|------------------------|-------|--------------|--------------------|-------------|
| | Total. | | | 16 years of age and over. | | | | | | Under 16 years of age. | | | | |
| | | | | Male. | | Female. | | | | | | | | |
| | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | | |
| Aberdeen..... | 2,715 | 1,568 | 1,509 | 2,684 | 1,523 | 1,480 | 31 | 43 | 26 | 2 | 3 | \$15,757,723 | \$4,815,113 | \$3,590,230 |
| Bellingham..... | 3,088 | 1,922 | 1,566 | 2,945 | 1,528 | 1,456 | 140 | 76 | 73 | 3 | 18 | 17,807,631 | 6,264,307 | 4,599,637 |
| Everett..... | 3,273 | 1,959 | 2,200 | 3,149 | 1,914 | 2,142 | 118 | 41 | 46 | 6 | 4 | 21,886,682 | 6,530,405 | 6,593,071 |
| Hoquiam..... | 2,164 | 1,657 | ..... | 2,117 | 1,621 | ..... | 39 | 36 | 8 | 8 | ..... | 11,872,031 | 5,009,410 | ..... |
| Seattle..... | 40,843 | 19,429 | 11,523 | 37,740 | 10,924 | 10,397 | 3,047 | 1,450 | 1,080 | 56 | 55 | 274,431,239 | 64,475,442 | 50,813,641 |
| Spokane..... | 4,752 | 3,020 | 3,901 | 3,850 | 2,532 | 3,492 | 886 | 451 | 395 | 16 | 37 | 40,149,381 | 16,636,309 | 18,617,367 |
| Tacoma..... | 10,714 | 6,765 | 6,820 | 9,901 | 6,366 | 6,485 | 800 | 387 | 322 | 13 | 12 | 103,171,756 | 27,707,606 | 24,462,198 |
| Vancouver..... | 4,522 | 360 | ..... | 4,458 | 327 | ..... | 64 | 33 | ..... | ..... | ..... | 21,251,700 | 1,301,048 | ..... |
| Walla Walla..... | 428 | 311 | 358 | 401 | 289 | 370 | 25 | 14 | 16 | 2 | 8 | 4,322,636 | 2,014,673 | 2,316,813 |
| Yakima..... | 1,328 | 582 | 601 | 1,144 | 561 | 558 | 173 | 9 | 23 | 9 | 12 | 5,766,980 | 1,937,461 | 2,152,167 |

TABLE 7.—WAGE EARNERS, BY MONTHS: 1919, 1914, AND 1909.

| MONTH. | NUMBER. ¹ | | | PER CENT OF MAXIMUM. | | | MONTH. | NUMBER. ¹ | | | PER CENT OF MAXIMUM. | | |
|---------------|----------------------|--------|--------|----------------------|-------|------|----------------|----------------------|--------|--------|----------------------|------|-------|
| | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 |
| January..... | 128,313 | 58,748 | 54,719 | 87.4 | 78.1 | 74.0 | July..... | 141,701 | 72,996 | 70,744 | 96.5 | 97.1 | 95.7 |
| February..... | 89,914 | 62,691 | 60,419 | 61.2 | 83.4 | 81.7 | August..... | 146,185 | 73,757 | 72,990 | 99.5 | 98.1 | 98.7 |
| March..... | 122,770 | 69,411 | 66,778 | 83.6 | 92.3 | 90.3 | September..... | 146,872 | 70,227 | 73,617 | 100.0 | 93.4 | 99.6 |
| April..... | 137,395 | 73,351 | 71,091 | 93.5 | 97.6 | 96.1 | October..... | 142,083 | 64,047 | 73,949 | 96.7 | 85.2 | 100.0 |
| May..... | 141,028 | 74,736 | 72,717 | 96.0 | 99.4 | 98.3 | November..... | 133,821 | 58,243 | 72,614 | 91.1 | 77.5 | 98.2 |
| June..... | 141,474 | 75,182 | 72,159 | 96.3 | 100.0 | 97.6 | December..... | 123,630 | 55,077 | 67,645 | 84.2 | 70.6 | 91.5 |

¹ The figures represent the number employed on the 15th of each month or the nearest representative day. Maximum number indicated by bold-faced figures, minimum by italic figures.

MANUFACTURES—WASHINGTON.

TABLE 8.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by *italic* figures.]

| INDUSTRY AND CITY. | Aver- age num- ber em- ployed during year. | NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY. | | | | | | | | | | | | Per cent min- imum is of max- imum. |
|--|--|---|----------------|--------------|--------------|--------------|---------|---------|---------|-----------------|---------------|----------------|----------------|---|
| | | Janu- ary. | Febru- ary. | March. | April. | May. | June. | July. | August. | Septem- ber. | Octo- ber. | Novem- ber. | Decem- ber. | |
| All industries | 132,928 | 128,313 | <i>89,914</i> | 122,770 | 137,395 | 141,028 | 141,474 | 141,701 | 146,135 | 146,872 | 142,083 | 133,821 | 123,630 | 61.2 |
| Males | 129,403 | 121,934 | <i>83,254</i> | 116,676 | 131,249 | 134,608 | 134,382 | 133,621 | 137,543 | 137,871 | 122,791 | 124,980 | 115,427 | 61.0 |
| Females | 7,525 | 6,379 | <i>6,960</i> | 6,094 | 6,146 | 6,420 | 7,092 | 8,080 | 8,592 | 9,201 | 9,292 | 8,841 | 8,203 | 64.1 |
| Automobile repairing | 1,657 | <i>1,456</i> | 1,468 | 1,525 | 1,537 | 1,649 | 1,727 | 1,766 | 1,814 | 1,840 | 1,817 | 1,803 | 1,792 | 79.1 |
| Boxes, wooden packing, except cigar boxes | 679 | <i>602</i> | 593 | 642 | 652 | 671 | 708 | 720 | 781 | 734 | 724 | 614 | 76.6 | |
| Bread and other bakery products | 1,743 | <i>1,628</i> | 1,599 | 1,622 | 1,657 | 1,672 | 1,728 | 1,741 | 1,745 | 1,812 | 1,878 | 1,912 | 1,922 | 88.2 |
| Brick and tile, terra-cotta, and fire-clay products | 664 | <i>405</i> | 556 | 492 | 544 | 680 | 735 | 837 | 813 | 804 | 818 | 757 | 672 | 46.1 |
| Canning and preserving, fish | 1,683 | <i>610</i> | 672 | 810 | 1,220 | 1,730 | 1,686 | 2,137 | 3,041 | 2,952 | 2,830 | 1,788 | 720 | 30.1 |
| Canning and preserving, fruits | 1,348 | <i>487</i> | 303 | 287 | 315 | 580 | 950 | 1,995 | 2,126 | 2,718 | 2,461 | 2,291 | 1,663 | 10.6 |
| Cars and general shop construction and repairs by electric-railroad companies | 679 | <i>497</i> | 499 | 495 | 663 | 678 | 716 | 739 | 742 | 766 | 782 | <i>787</i> | 784 | 62.0 |
| Cars and general shop construction and repairs by steam-railroad companies | 6,480 | <i>6,371</i> | 6,457 | 6,496 | <i>6,280</i> | <i>6,280</i> | 6,357 | 6,385 | 6,305 | 6,479 | 6,707 | 6,811 | 6,832 | 91.0 |
| Condensed milk | 734 | <i>631</i> | 652 | 659 | 680 | 806 | 887 | 843 | 818 | 728 | 728 | <i>699</i> | 667 | 71.1 |
| Confectionery and ice cream | 1,596 | <i>1,441</i> | 1,422 | 1,501 | 1,448 | 1,448 | 1,550 | 1,516 | 1,542 | 1,630 | 1,873 | 1,888 | 1,893 | 75.1 |
| Engines, steam, gas, and water | 546 | <i>568</i> | 233 | 435 | 530 | 638 | 680 | 712 | 661 | 662 | 480 | 392 | 32.7 | |
| Flour-mill and gristmill products | 1,536 | <i>1,473</i> | 1,468 | 1,360 | 1,459 | 1,449 | 1,418 | 1,392 | 1,417 | 1,688 | 1,768 | 1,828 | 1,771 | 72.8 |
| Foundry and machine-shop products | 3,641 | <i>4,289</i> | 2,119 | 3,677 | 3,907 | 4,030 | 3,911 | 3,814 | 3,814 | 3,565 | 3,572 | 3,532 | 3,402 | 49.4 |
| Furniture | 787 | <i>665</i> | 603 | 658 | 739 | 791 | 812 | 841 | 854 | 856 | 858 | <i>888</i> | 879 | 67.9 |
| Gas, illuminating and heating | 637 | <i>558</i> | 582 | 539 | 566 | 578 | 591 | 629 | 646 | 731 | 772 | 742 | 759 | 68.0 |
| Lumber and timber products | 53,393 | <i>38,318</i> | 42,108 | 47,129 | 51,490 | 54,249 | 54,993 | 54,866 | 50,799 | 51,725 | 61,910 | 60,008 | 54,131 | 61.9 |
| Lumber, planing-mill products, not including planing mills connected with sawmills | 1,946 | <i>1,468</i> | 1,445 | 1,579 | 1,642 | 1,754 | 1,825 | 2,091 | 2,210 | 2,207 | 2,341 | <i>2,343</i> | 2,342 | 61.5 |
| Paper and wood pulp | 1,610 | <i>1,480</i> | 1,442 | 1,521 | 1,578 | 1,584 | 1,566 | 1,597 | 1,619 | 1,682 | 1,705 | 1,745 | 1,801 | 80.1 |
| Printing and publishing, book and job | 906 | <i>920</i> | 880 | 895 | 904 | 915 | 942 | 891 | 890 | 749 | 905 | 952 | 1,039 | 94.7 |
| Printing and publishing, newspapers and periodicals | 1,404 | <i>1,324</i> | 1,501 | 1,312 | 1,391 | 1,414 | 1,369 | 1,397 | 1,438 | 1,425 | 1,481 | 1,463 | 1,523 | 85.4 |
| Shipbuilding, steel | 23,391 | <i>39,105</i> | 4,714 | 26,838 | 36,195 | 37,037 | 36,385 | 35,219 | 33,530 | 32,382 | 27,514 | 22,773 | 20,950 | 12.1 |
| Shipbuilding, wooden, including boat building | 5,185 | <i>8,287</i> | 6,572 | 8,429 | 7,635 | 6,459 | 5,441 | 4,746 | 4,353 | 3,307 | 2,225 | 2,048 | <i>1,628</i> | 17.5 |
| Slaughtering and meat packing | 1,222 | <i>1,257</i> | 1,175 | 1,105 | <i>1,102</i> | 1,117 | 1,200 | 1,189 | 1,204 | 1,207 | 1,234 | 1,303 | 1,371 | 80.4 |
| Tinware, not elsewhere specified | 610 | <i>617</i> | 650 | 640 | 688 | 651 | 754 | 750 | 593 | 537 | 628 | 410 | 402 | 53.3 |
| All other industries | 12,821 | <i>12,746</i> | 10,605 | 12,104 | 12,473 | 12,130 | 12,463 | 12,948 | 13,366 | 13,526 | 13,889 | <i>13,921</i> | 13,681 | 76.7 |
| <i>Industries showing large proportion of females.</i> | | | | | | | | | | | | | | |
| Bread and other bakery products | 508 | <i>557</i> | 522 | 530 | <i>509</i> | 514 | 541 | 533 | 542 | 606 | 639 | <i>668</i> | 657 | 76.4 |
| Canning and preserving, fish | 275 | <i>60</i> | 64 | 52 | 106 | 155 | 187 | 295 | 699 | 613 | 612 | <i>385</i> | 92 | 7.2 |
| Canning and preserving, fruits | 905 | <i>256</i> | 118 | <i>104</i> | 118 | 336 | 608 | 1,437 | 1,563 | 1,984 | 1,724 | <i>1,491</i> | 1,081 | 5.3 |
| Condensed milk | 158 | <i>128</i> | 127 | 131 | 133 | 173 | 196 | 205 | 179 | 162 | 160 | <i>149</i> | 129 | 62.0 |
| Confectionery and ice cream | 1,062 | <i>967</i> | 955 | 1,022 | 951 | <i>923</i> | 993 | 970 | 975 | 1,051 | 1,283 | <i>1,319</i> | 1,335 | 69.1 |
| Furniture | 129 | <i>109</i> | 87 | 106 | 117 | 123 | 135 | 140 | 135 | 133 | 145 | <i>147</i> | 155 | 62.6 |
| Paper and wood pulp | 145 | <i>125</i> | 115 | 137 | 126 | 129 | 143 | 150 | 160 | 163 | 156 | <i>165</i> | 162 | 71.9 |
| Printing and publishing, book and job | 211 | <i>224</i> | 184 | 192 | 190 | 207 | 208 | 202 | 211 | 196 | 217 | <i>234</i> | 287 | 68.9 |
| Slaughtering and meat packing | 120 | <i>144</i> | 119 | 110 | <i>108</i> | 114 | 112 | 113 | 117 | 111 | 145 | <i>129</i> | 118 | 74.5 |
| Tinware, not elsewhere specified | 244 | <i>253</i> | 266 | 233 | 238 | 290 | 309 | 314 | 219 | 201 | 263 | 140 | 126 | 40.1 |
| Total for cities | 73,825 | <i>79,970</i> | 45,518 | 69,395 | 78,834 | 79,682 | 78,472 | 78,264 | 79,114 | 78,660 | 79,091 | <i>72,875</i> | 66,025 | 56.9 |
| Males | 68,473 | <i>75,200</i> | 40,939 | 64,811 | 74,235 | 74,888 | 73,516 | 72,909 | 73,575 | 72,606 | 72,538 | 60,469 | 59,856 | 54.4 |
| Females | 5,352 | <i>4,770</i> | 4,579 | 4,593 | 4,794 | 4,956 | 5,355 | 5,439 | 5,439 | 6,054 | 6,553 | 6,406 | 6,169 | 69.6 |
| ABERDEEN | 2,715 | <i>2,557</i> | 2,360 | 2,799 | 2,935 | 2,702 | 2,555 | 2,767 | 2,979 | 2,969 | 2,723 | <i>2,775</i> | 2,459 | 79.2 |
| Males | 2,684 | <i>2,541</i> | 2,316 | 2,786 | 2,937 | 2,657 | 2,514 | 2,753 | 2,963 | 2,938 | 2,657 | <i>2,713</i> | 2,443 | 79.2 |
| Females | 31 | <i>19</i> | 14 | 13 | 38 | 45 | 41 | 14 | 16 | 31 | 66 | <i>62</i> | 16 | 19.7 |
| BELLINGHAM | 3,088 | <i>2,815</i> | 3,200 | 3,098 | 3,277 | 3,628 | 3,516 | 3,023 | 3,131 | 3,352 | 3,122 | <i>2,705</i> | <i>2,189</i> | 60.3 |
| Males | 2,948 | <i>2,754</i> | 3,119 | 3,041 | 3,204 | 3,565 | 3,355 | 2,862 | 2,906 | 3,008 | 2,927 | <i>2,550</i> | <i>2,035</i> | 58.5 |
| Females | 140 | <i>61</i> | 51 | 57 | 73 | 63 | 161 | 225 | 344 | 105 | <i>155</i> | <i>104</i> | 16.6 | |
| EVERETT | 3,273 | <i>2,867</i> | 2,882 | 2,978 | 3,147 | 3,184 | 3,239 | 3,331 | 3,697 | 3,724 | 3,554 | <i>3,506</i> | 3,167 | 78.0 |
| Males | 3,155 | <i>2,794</i> | 2,782 | 2,919 | 3,092 | 3,128 | 3,153 | 3,296 | 3,503 | 3,533 | 3,336 | <i>3,286</i> | 3,051 | 78.4 |
| Females | 118 | <i>73</i> | 63 | 59 | 55 | 50 | 86 | 85 | 194 | 191 | 218 | <i>220</i> | 116 | 25.0 |
| HOQUILAM | 2,164 | <i>1,803</i> | 1,761 | <i>1,760</i> | 2,047 | 1,934 | 2,159 | 2,421 | 2,497 | 2,457 | 2,492 | <i>2,292</i> | 2,285 | 70.5 |
| Males | 2,125 | <i>1,822</i> | 1,732 | <i>1,723</i> | 2,011 | 1,903 | 2,125 | 2,833 | 2,456 | 2,408 | 2,447 | <i>2,250</i> | 2,249 | 70.1 |
| Females | 39 | <i>41</i> | 39 | 36 | 36 | 31 | 34 | 38 | 41 | 49 | 45 | <i>42</i> | 36 | 63.3 |
| SEATTLE | 49,843 | <i>49,001</i> | 15,704 | 36,744 | 45,607 | 46,122 | 45,625 | 45,000 | 44,697 | 44,021 | 44,344 | <i>39,430</i> | 33,821 | 32.0 |
| Males | 37,773 | <i>46,107</i> | 12,921 | 32,967 | 42,808 | 43,349 | 42,723 | 41,799 | 41,576 | 40,844 | 40,903 | <i>36,041</i> | 30,298 | 28.0 |
| Females | 3,065 | <i>2,894</i> | 2,783 | 2,777 | 2,799 | 2,773 | 2,902 | 3,201 | 3,121 | 3,177 | 3,141 | <i>3,389</i> | 3,523 | 78.7 |
| SPOKANE | 4,752 | <i>4,334</i> | 4,305 | <i>4,268</i> | 4,421 | 4,537 | 4,722 | 4,756 | 4,838 | 5,084 | 5,302 | <i>5,219</i> | 5,238 | 80.5 |
| Males | 3,862 | <i>3,567</i> | 3,542 | <i>3,507</i> | 3,655 | 3,676 | 3,870 | 3,927 | 3,957 | 4,103 | 4,223 | <i>4,092</i> | 4,135 | 83.0 |
| Females | 890 | <i>767</i> | 763 | 781 | 768 | 771 | 852 | 829 | 881 | 981 | 1,079 | <i>1,127</i> | 1,103 | 67.5 |
| TACOMA | 10,714 | <i>10,539</i> | 9,015 | 11,388 | 11,049 | 10,949 | 10,170 | 10,272 | 10,685 | 10,857 | 11,371 | <i>11,293</i> | 10,930 | 79.2 |
| Males | 9,911 | <i>9,743</i> | 8,256 | 10,623 | 10,307 | 10,183 | 9,388 | 9,465 | 9,920 | 10,077 | 10,468 | <i>10,406</i> | 10,098 | 77.1 |
| Females | 803 | <i>794</i> | 759 | 765 | 743 | 766 | 784 | 807 | 765 | 780 | 780 | <i>903</i> | 887 | 82.2 |
| VANCOUVER | 4,522 | <i>4,795</i> | 5,176 | 5,061 | 4,927 | 4,842 | 4,937 | 4,872 | 4,690 | 3,823 | 3,775 | <i>3,492</i> | 3,874 | 67.5 |
| Males | 4,458 | <i>4,780</i> | 5,163 | 5,045 | 4,911 | 4,326 | 4,924 | 4,761 | 4,612 | 3,672 | 3,637 | <i>3,515</i> | 3,850 | 64.2 |
| Females | 84 | <i>15</i> | 13 | 18 | 16 | 16 | 19 | 111 | 78 | 151 | 138 | <i>177</i> | 24 | 7.3 |
| WALLA WALLA | 428 | <i>388</i> | 390 | 401 | 408 | 434 | 440 | 428 | 431 | 441 | 461 | <i>455</i> | 459 | 84.2 |
| Males | 408 | <i>387</i> | 370 | 377 | 335 | 410 | 417 | 407 | 413 | 415 | 430 | <i>422</i> | 423 | 85.3 |
| Females | 25 | <i>21</i> | 20 | 24 | 23 | 24 | 23 | | | | | | | |

MANUFACTURES—WASHINGTON.

111

TABLE 9.—AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

| INDUSTRY AND CITY. | Census year. | Total. | IN ESTABLISHMENTS WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE— | | | | | | | |
|---|--------------|---------|--|--------------------|------------------|--------------------|-------|--------------------|--------|----------|
| | | | 44 and under. | Between 44 and 48. | 48. ¹ | Between 48 and 54. | 54. | Between 54 and 60. | 60. | Over 60. |
| All industries..... | 1919 | 132,928 | 41,473 | 3,264 | 80,036 | 730 | 2,835 | 2,612 | 1,679 | 299 |
| | 1914 | 87,205 | (4) | (3) | 10,513 | 1,464 | 7,331 | 4,259 | 40,855 | 2,778 |
| | 1909 | 69,120 | (3) | | 5,677 | 1,725 | 7,936 | 1,619 | 45,781 | 3,332 |
| Automobile repairing..... | 1919 | 1,687 | 239 | | 924 | 17 | 439 | 22 | 40 | 6 |
| | 1914 | 67 | (4) | (3) | 12 | ..... | 41 | ..... | 14 | ..... |
| Boxes, wooden packing, except cigar boxes..... | 1919 | 679 | 48 | | 631 | ..... | 5 | 44 | 245 | ..... |
| | 1914 | 338 | (4) | (3) | 17 | 27 | ..... | ..... | ..... | ..... |
| Bread and other bakery products..... | 1919 | 1,743 | 65 | 29 | 1,596 | 2 | 16 | 29 | 6 | 24 |
| | 1914 | 1,419 | (4) | (3) | 801 | 137 | 237 | 55 | 105 | ..... |
| Brick and tile, terra-cotta, and fire-clay products..... | 1919 | 684 | | | 595 | ..... | 61 | ..... | 8 | ..... |
| | 1914 | 982 | (3) | (3) | 29 | 368 | 281 | 90 | 214 | ..... |
| Canning and preserving, fish..... | 1919 | 1,683 | 25 | | 1,251 | 14 | 59 | ..... | 273 | 61 |
| | 1914 | 1,715 | (4) | (3) | 51 | ..... | 604 | ..... | 820 | 240 |
| Canning and preserving, fruits..... | 1919 | 1,348 | | | 441 | 215 | 76 | ..... | 616 | ..... |
| | 1914 | 367 | (3) | (3) | 12 | 21 | 4 | ..... | 230 | ..... |
| Cars and general shop construction and repairs by electric-railroad companies..... | 1919 | 679 | | | 483 | ..... | 180 | 16 | ..... | ..... |
| | 1914 | 382 | (3) | (3) | 5 | ..... | 218 | 2 | ..... | 157 |
| Cars and general shop construction and repairs by steam-railroad companies..... | 1919 | 6,480 | | 2,369 | 3,778 | ..... | ..... | 333 | ..... | ..... |
| | 1914 | 4,543 | (3) | (3) | 1,791 | 111 | 288 | 2,192 | 26 | 135 |
| Condensed milk..... | 1919 | 734 |  |  |  | ..... | 536 | 112 | 29 | 57 |
| | 1914 | 436 | ..... | ..... | ..... | ..... | 3 | 43 | 390 | ..... |
| Confectionery and ice cream..... | 1919 | 1,596 | 415 | 84 | 1,014 | 22 | 5 | 34 | 17 | 5 |
| | 1914 | 638 | (4) | (3) | 436 | 39 | 53 | 15 | 38 | 57 |
| Engines, steam, gas, and water..... | 1919 | 546 | 527 | | 19 | ..... | 5 | ..... | 2 | ..... |
| | 1914 | 21 | (3) | (3) | 4 | 10 | 5 | ..... | ..... | ..... |
| Flour-mill and gristmill products..... | 1919 | 1,536 | 1 | 6 | 1,120 | 2 | 79 | ..... | 300 | 19 |
| | 1914 | 928 | (4) | (3) | 156 | 59 | 8 | 43 | 655 | 7 |
| Foundry and machine-shop products ⁴ | 1919 | 3,661 | 1,777 | 5 | 1,482 | 140 | 72 | 162 | 23 | ..... |
| | 1914 | 1,850 | (4) | (3) | 361 | 18 | 1,443 | ..... | 28 | ..... |
| Furniture..... | 1919 | 787 | 113 | | 686 | 7 | ..... | 1 | ..... | ..... |
| | 1914 | 544 | (4) | (3) | 87 | 167 | 10 | ..... | 271 | ..... |
| Gas, illuminating and heating..... | 1919 | 637 | | | 156 | ..... | 425 | ..... | 56 | ..... |
| | 1914 | 630 | (3) | (3) | 63 | 76 | 18 | 84 | 383 | 6 |
| Lumber and timber products..... | 1919 | 53,393 | 255 | 89 | 52,533 | ..... | 338 | 20 | 158 | ..... |
| | 1914 | 36,461 | (4) | (4) | 297 | 7 | 1,051 | 268 | 34,767 | 71 |
| Lumber, planing-mill products, not including planing mills connected with sawmills..... | 1919 | 1,946 | 172 | 4 | 1,702 | ..... | 23 | 45 | ..... | ..... |
| | 1914 | 1,273 | (4) | (3) | 71 | 4 | 349 | 33 | 816 | ..... |
| Paper and wood pulp ⁴ | 1919 | 1,610 | | | 1,610 | ..... | ..... | ..... | ..... | ..... |
| Printing and publishing, book and job..... | 1919 | 906 | 144 | 9 | 745 | 8 | ..... | 2 | ..... | 1 |
| | 1914 | 932 | (3) | (3) | 913 | 9 | 7 | ..... | ..... | ..... |
| Printing and publishing, newspapers and periodicals..... | 1919 | 1,404 | 449 | 227 | 715 | 6 | 6 | ..... | ..... | 1 |
| | 1914 | 1,302 | (4) | (3) | 1,190 | 19 | 55 | 25 | 13 | ..... |
| Shipbuilding, including boat building..... | 1919 | 34,576 | 33,203 | | 1,373 | ..... | 1,085 | ..... | 8 | ..... |
| | 1914 | 1,444 | (4) | (3) | 351 | ..... | ..... | ..... | ..... | ..... |
| Slaughtering and meat packing..... | 1919 | 1,222 | 4 | | 785 | 5 | 422 | ..... | 6 | ..... |
| | 1914 | 864 | ..... | ..... | ..... | ..... | 100 | 764 | ..... | ..... |
| Tinware, not elsewhere specified..... | 1919 | 610 | 84 | | 351 | 159 | ..... | 16 | ..... | ..... |
| | 1914 | 60 | (4) | (3) | 1 | ..... | 43 | 5 | 11 | ..... |
| All other industries..... | 1919 | 12,801 | 3,932 | 442 | 8,057 | 140 | 516 | 1,443 | 157 | 94 |
| | 1914 | 10,029 | (4) | (3) | 3,810 | 392 | 1,537 | 1,298 | 1,302 | 1,690 |
| Total for cities..... | 1919 | 73,825 | 36,159 | 2,942 | 30,815 | 531 | 1,272 | 1,760 | 264 | 82 |
| | 1914 | 30,573 | (4) | (4) | 8,337 | 950 | 5,510 | 2,335 | 13,083 | 358 |
| ABERDEEN..... | 1919 | 2,715 | 705 | 3 | 2,003 | 1 | ..... | 3 | ..... | ..... |
| | 1914 | 1,588 | (4) | (3) | 125 | ..... | 40 | ..... | 1,400 | 3 |
| BELLINGHAM..... | 1919 | 3,088 | 89 | 26 | 2,918 | ..... | 37 | 18 | ..... | ..... |
| | 1914 | 1,922 | (4) | (3) | 130 | 7 | 607 | 46 | 1,052 | 80 |
| EVERETT..... | 1919 | 3,273 | 259 | 44 | 2,856 | 2 | 45 | 48 | 18 | 1 |
| | 1914 | 1,959 | (4) | (3) | 193 | 31 | 39 | 1 | 1,055 | 35 |
| HOQUIAM..... | 1919 | 2,164 | 56 | | 2,107 | ..... | 1 | ..... | ..... | ..... |
| | 1914 | 1,657 | (4) | (3) | 57 | ..... | 71 | ..... | 1,529 | ..... |
| SEATTLE..... | 1919 | 40,843 | 29,812 | 733 | 9,063 | 147 | 479 | 552 | 51 | 1 |
| | 1914 | 12,429 | (4) | (3) | 4,581 | 568 | 3,225 | 733 | 3,092 | 170 |
| SPOKANE..... | 1919 | 4,752 | 171 | 31 | 3,793 | 66 | 472 | 148 | 14 | 57 |
| | 1914 | 3,020 | (4) | (3) | 1,107 | 99 | 712 | 117 | 958 | 27 |
| TACOMA..... | 1919 | 10,714 | 1,078 | 1,783 | 6,856 | 99 | 46 | 849 | 1 | 2 |
| | 1914 | 6,765 | (4) | (3) | 1,698 | 244 | 620 | 1,354 | 2,821 | 27 |
| VANCOUVER..... | 1919 | 4,522 | 3,945 | 322 | 133 | ..... | 34 | 2 | 76 | 5 |
| | 1914 | 360 | (4) | (3) | 260 | 1 | 17 | ..... | 82 | ..... |
| WALLA WALLA..... | 1919 | 428 | | | 190 | ..... | 115 | 63 | 44 | 16 |
| | 1914 | 311 | (4) | (3) | 82 | ..... | 95 | 24 | 102 | 8 |
| YAKIMA..... | 1919 | 1,326 | 44 | | 866 | 216 | 43 | 77 | 60 | ..... |
| | 1914 | 582 | (4) | (3) | 98 | ..... | 84 | ..... | 392 | 8 |

¹ Includes 48 and under for 1914 and 1909.² Corresponding figures not available.³ Includes "iron and steel, welding."⁴ Not shown separately in 1914.

MANUFACTURES—WASHINGTON.

TABLE 10.—SIZE OF ESTABLISHMENTS, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

| INDUSTRY AND CITY. | TOTAL. | | | ESTABLISHMENTS EMPLOYING— | | | | | | | | | | | | Over 1,000 wage earners. | | | | | |
|---|-----------------|-----------------------------------|------------------|---------------------------------|-----------------|---------------|----------------------------------|-----------------|---------------|-----------------------------------|-----------------|---------------|------------------------------------|-----------------|---------------|-------------------------------------|-----------------|---------------|-------------------------------------|-----------------|---------------|
| | Establishments. | Wage earners (average number). | No wage earners. | 1 to 5 wage earners, inclusive. | | | 6 to 20 wage earners, inclusive. | | | 21 to 50 wage earners, inclusive. | | | 51 to 100 wage earners, inclusive. | | | 101 to 250 wage earners, inclusive. | | | 251 to 500 wage earners, inclusive. | | |
| | | | | Establishments. | Establishments. | Wage earners. | Establishments. | Establishments. | Wage earners. | Establishments. | Establishments. | Wage earners. | Establishments. | Establishments. | Wage earners. | Establishments. | Establishments. | Wage earners. | Establishments. | Establishments. | Wage earners. |
| All industries..... | 4,918 | 132,928 | 651 | 2,474 | 5,345 | 959 | 10,924 | 397 | 12,744 | 175 | 12,657 | 190 | 30,899 | 44 | 14,822 | 20 | 14,392 | 8 | 31,145 | | |
| Automobile repairing..... | 562 | 1,687 | 78 | 403 | 822 | 79 | 812 | 2 | 53 | 1 | 75 | 3 | 401 | | | | | | | | |
| Boxes, wooden packing, except cigar boxes..... | 16 | 679 | 4 | 8 | 4 | 38 | 4 | 157 | 1 | 75 | 4 | 465 | | | | | | | | | |
| Bread and other bakery products..... | 364 | 1,743 | 79 | 225 | 462 | 50 | 573 | 4 | 117 | 2 | 126 | 4 | | | | | | | | | |
| Brick and tile, terra-cotta, and fire-clay products..... | 35 | 664 | 10 | 27 | 14 | 166 | 9 | 346 | 2 | 125 | | | | | | | | | | | |
| Canning and preserving, fish..... | 66 | 1,683 | 13 | 33 | 29 | 364 | 18 | 576 | 5 | 335 | | | | | | | | | | | |
| Canning and preserving, fruits..... | 30 | 1,348 | 2 | 7 | 19 | 6 | 53 | 9 | 328 | 3 | 182 | 2 | 344 | 1 | 422 | | | | | | |
| Cars and general shop construction and repairs by electric-railroad companies..... | 16 | 679 | 6 | 14 | 2 | 29 | 4 | 120 | 2 | 111 | 1 | 109 | 1 | 296 | | | | | | | |
| Cars and general shop construction and repairs by steam-railroad companies..... | 35 | 6,480 | 3 | 14 | 4 | 58 | 6 | 231 | 4 | 290 | 11 | 1,543 | 4 | 1,518 | 2 | 1,751 | 1 | 1,073 | | | |
| Condensed milk..... | 14 | 734 | 2 | 6 | 3 | 47 | 2 | 76 | 5 | 335 | 2 | 270 | | | | | | | | | |
| Confectionery and ice cream..... | 119 | 1,506 | 13 | 58 | 151 | 32 | 308 | 11 | 302 | 3 | 228 | 1 | 197 | 1 | 410 | | | | | | |
| Engines, steam, gas, and water..... | 13 | 546 | 1 | 2 | 6 | 4 | 62 | 1 | 36 | 4 | 314 | 1 | 128 | | | | | | | | |
| Flour-mill and gristmill products..... | 119 | 1,538 | 10 | 72 | 148 | 22 | 276 | 8 | 240 | 3 | 222 | 4 | 650 | | | | | | | | |
| Foundry and machine-shop products..... | 233 | 3,641 | 21 | 118 | 265 | 57 | 630 | 18 | 572 | 11 | 742 | 6 | 911 | 2 | 621 | | | | | | |
| Furniture..... | 59 | 787 | 11 | 28 | 78 | 12 | 143 | 4 | 131 | 2 | 161 | 2 | 274 | | | | | | | | |
| Gas, illuminating and heating..... | 12 | 637 | 3 | 4 | 2 | 22 | 4 | 99 | 2 | 152 | 1 | 360 | | | | | | | | | |
| Lumber and timber products..... | 1,130 | 53,393 | 25 | 415 | 920 | 279 | 3,383 | 171 | 5,609 | 84 | 6,164 | 118 | 20,068 | 27 | 8,794 | 9 | 6,186 | 2 | 2,269 | | |
| Lumber, planing-mill products, not including planing mills connected with sawmills..... | 86 | 1,946 | 5 | 31 | 85 | 25 | 325 | 21 | 659 | 1 | 54 | 2 | 324 | 1 | 499 | | | | | | |
| Paper and wood pulp..... | 6 | 1,610 | | | | | | | | 2 | 159 | 3 | 623 | | 1 | 828 | | | | | |
| Printing and publishing, book and job..... | 232 | 906 | 56 | 128 | 241 | 40 | 398 | 8 | 267 | | | | | | | | | | | | |
| Printing and publishing, newspapers and periodicals..... | 316 | 1,404 | 139 | 144 | 264 | 22 | 262 | 4 | 102 | 3 | 235 | 4 | 541 | | | | | | | | |
| Shipbuilding, steel..... | 9 | 23,391 | | | | | | | 1 | 39 | | 128 | | | | | | | | | |
| Shipbuilding, wooden, including boat building..... | 67 | 5,185 | 7 | 23 | 39 | 13 | 180 | 5 | 153 | 6 | 434 | 8 | 1,384 | 2 | 677 | 3 | 2,318 | 5 | 27,801 | | |
| Slaughtering and meat packing..... | 29 | 1,222 | 3 | 13 | 39 | 5 | 42 | 1 | 28 | 3 | 198 | 2 | 307 | 2 | 608 | | | | | | |
| Tinware, not elsewhere specified..... | 6 | 610 | 1 | 3 | 2 | 22 | | | 1 | 84 | 1 | 159 | 1 | 342 | | | | | | | |
| All other industries..... | 1,344 | 12,821 | 201 | 765 | 1,697 | 253 | 2,731 | 82 | 2,503 | 26 | 1,931 | 14 | 2,073 | | | | 3 | 1,886 | | | |
| Total for cities..... | 2,474 | 73,825 | 318 | 1,210 | 2,790 | 558 | 6,194 | 193 | 6,029 | 78 | 5,687 | 81 | 13,030 | 18 | 5,816 | 13 | 9,897 | 5 | 24,382 | | |
| ABERDEEN..... | 73 | 2,715 | 9 | 32 | 66 | 14 | 148 | 3 | 73 | 6 | 400 | 8 | 1,345 | | | | 1 | 683 | | | |
| BELLINGHAM..... | 110 | 3,058 | 16 | 57 | 128 | 20 | 241 | 8 | 238 | 1 | 83 | 5 | 914 | 2 | 661 | 1 | 823 | | | | |
| EVERETT..... | 127 | 3,273 | 11 | 65 | 139 | 27 | 307 | 15 | 467 | 2 | 154 | 5 | 1,015 | 1 | 314 | 1 | 877 | | | | |
| HOQUIM..... | 38 | 2,164 | 1 | 19 | 36 | 5 | 49 | 6 | 219 | 1 | 89 | 5 | 1,061 | | 1 | 710 | | | | | |
| SEATTLE..... | 1,229 | 40,843 | 163 | 570 | 1,329 | 297 | 3,271 | 102 | 3,158 | 42 | 3,004 | 30 | 4,589 | 8 | 2,438 | 5 | 3,660 | 3 | 19,394 | | |
| SPokane..... | 364 | 4,782 | 51 | 200 | 472 | 73 | 816 | 20 | 660 | 7 | 505 | 11 | 1,609 | 2 | 690 | | | | | | |
| TACOMA..... | 348 | 10,714 | 52 | 154 | 371 | 75 | 857 | 27 | 846 | 16 | 1,258 | 16 | 2,282 | 4 | 1,401 | 3 | 2,525 | 1 | 1,174 | | |
| VANCOUVER..... | 39 | 4,522 | 3 | 22 | 60 | 6 | 65 | 4 | 133 | 2 | 138 | | | | 1 | 312 | | | 1 | 3,814 | |
| WALLA WALLA..... | 69 | 428 | 8 | 43 | 91 | 13 | 152 | 4 | 129 | 1 | 56 | | | | | | | | | | |
| YAKIMA..... | 77 | 1,326 | 4 | 39 | 98 | 28 | 288 | 4 | 106 | | | 1 | 215 | | | 1 | 619 | | | | |

TABLE 11.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS: 1919, 1914, AND 1909.

| VALUE OF PRODUCT. | NUMBER OF ESTABLISHMENTS. | | | AVERAGE NUMBER OF WAGE EARNERS. | | | VALUE OF PRODUCTS. | | | VALUE ADDED BY MANUFACTURE. | | | |
|-------------------------------|---------------------------|-------|-------|---------------------------------|---------|--------|--------------------|----------------|-----------------|-----------------------------|---------------|---------------|---------------|
| | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 | |
| | All classes..... | 4,918 | 3,829 | 3,674 | 132,928 | 67,205 | 69,120 | \$800,622,984 | \$245,326,456 | \$220,746,421 | \$366,445,453 | \$108,717,147 | \$102,858,733 |
| Less than \$5,000..... | 1,100 | 1,327 | 902 | 530 | 1,069 | 963 | 2,884,381 | 3,277,559 | 2,897,468 | 1,953,854 | 2,225,976 | 1,639,474 | |
| \$5,000 to \$20,000..... | 1,517 | 1,213 | 1,276 | 3,606 | 4,537 | 5,918 | 16,171,987 | 13,043,612 | 13,824,059 | 10,282,117 | 7,828,292 | 8,598,937 | |
| \$20,000 to \$100,000..... | 1,330 | 850 | 1,073 | 12,810 | 13,280 | 18,671 | 61,124,524 | 39,264,264 | 47,224,421 | 33,822,870 | 19,981,501 | 26,257,103 | |
| \$100,000 to \$500,000..... | 673 | 361 | 403 | { 26,962 } | 38,400 | 87,553 | { 148,750,550 } | 84,468,833 | { 114,920,746 } | { 71,145,504 } | 55,698,760 | 55,916,269 | |
| \$500,000 to \$1,000,000..... | 163 | 47 | 20 | { 67,112 } | 9,919 | 6,015 | { 112,442,853 } | 33,912,139 | { 71,360,049 } | { 42,370,727 } | 190,285,150 | 22,982,609 | |
| \$1,000,000 and over..... | 135 | 31 | | | | | { 468,248,689 } | { 71,360,049 } | | | | | |
| PER CENT DISTRIBUTION. | | | | | | | | | | | | | |
| All classes..... | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| Less than \$5,000..... | 22.4 | 34.7 | 24.6 | 0.4 | 1.6 | 1.4 | 0.4 | 1.3 | 1.1 | 0.5 | 2.0 | 1.6 | |
| \$5,000 to \$20,000..... | 30.8 | 31.7 | 34.7 | 2.7 | 6.8 | 8.6 | 2.0 | 5.3 | 6.3 | 2.8 | 7.2 | 8.4 | |
| \$20,000 to \$100,000..... | 27.0 | 22.2 | 29.2 | 9.6 | 19.8 | 27.0 | 7.5 | 16.0 | 21.4 | 9.2 | 18.4 | 25.6 | |
| \$100,000 to \$500,000..... | 13.7 | 9.4 | 11.0 | { 20.3 } | 57.1 | 54.3 | { 18.4 } | 34.4 | 52.1 | { 19.4 } | 51.2 | 54.4 | |
| \$500,000 to \$1,000,000..... | 3.3 | 1.2 | 0.5 | { 16.5 } | 50.5 | 14.8 | 8.7 | 57.8 | 29.1 | { 16.1 } | 21.1 | 10.1 | |
| \$1,000,000 and over..... | 2.7 | 0.8 | 0.5 | | | | | | | 51.9 | | | |

MANUFACTURES—WASHINGTON.

113

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.

| INDUSTRY AND VALUE OF PRODUCT. | NUMBER OF ESTABLISHMENTS. | | | | AVERAGE NUMBER OF WAGE EARNERS. | | | | VALUE OF PRODUCTS. | | | | VALUE ADDED BY MANUFACTURE. | | | |
|---|---------------------------|------|-----------------------|-------|---------------------------------|-----------------------|-------|-------|--------------------|-------------|-----------------------|-------|-----------------------------|-------------|-------|-----------------------|
| | 1919 | | 1914 | | 1919 | | 1914 | | 1919 | | 1914 | | 1919 | | 1914 | |
| | 1919 | 1914 | Percent distribution. | 1919 | 1914 | Percent distribution. | 1919 | 1914 | 1919 | 1914 | Percent distribution. | 1919 | 1914 | 1919 | 1914 | Percent distribution. |
| AUTOMOBILE REPAIRING..... | 562 | 26 | 100.0 | 100.0 | 1,687 | 67 | 100.0 | 100.0 | \$6,952,681 | \$149,183 | 100.0 | 100.0 | \$4,537,659 | \$111,605 | 100.0 | 100.0 |
| Less than \$5,000..... | 211 | 16 | 37.5 | 61.5 | 126 | 22 | 7.5 | 32.8 | 520,853 | 45,921 | 8.4 | 30.8 | 429,705 | 36,335 | 9.5 | 32.5 |
| \$5,000 to \$20,000..... | 259 | 10 | 46.1 | 38.5 | 737 | 45 | 43.7 | 67.2 | 2,664,752 | 103,262 | 38.3 | 69.2 | 1,853,584 | 75,330 | 40.8 | 67.5 |
| \$20,000 to \$100,000..... | 88 | — | 15.7 | — | 735 | — | 43.6 | — | 3,214,086 | — | 46.2 | — | 2,011,730 | — | 44.3 | — |
| \$100,000 to \$500,000..... | 4 | — | 0.7 | — | 69 | — | 5.3 | — | 492,990 | — | 7.1 | — | 242,550 | — | 5.3 | — |
| BREAD AND OTHER BAKERY PRODUCTS..... | 364 | 390 | 100.0 | 100.0 | 1,743 | 1,419 | 100.0 | 100.0 | 15,043,030 | 6,572,356 | 100.0 | 100.0 | 5,806,022 | 3,024,636 | 100.0 | 100.0 |
| Less than \$5,000..... | 63 | 166 | 17.3 | 42.6 | 12 | 73 | 0.7 | 5.1 | 177,741 | 404,511 | 1.2 | 7.1 | 72,868 | 220,146 | 1.3 | 7.3 |
| \$5,000 to \$20,000..... | 158 | 169 | 43.4 | 43.3 | 205 | 347 | 11.8 | 24.5 | 1,789,843 | 1,730,841 | 11.9 | 26.3 | 709,082 | 796,833 | 12.2 | 26.3 |
| \$20,000 to \$100,000..... | 112 | 46 | 30.8 | 11.8 | 538 | 443 | 30.9 | 31.2 | 4,624,275 | 1,667,350 | 30.7 | 25.4 | 1,721,879 | 745,837 | 29.7 | 24.8 |
| \$100,000 to \$500,000..... | 26 | 19 | 7.1 | 2.3 | 459 | 1,556 | 23.3 | 30.2 | 4,700,362 | 1,270,654 | 31.2 | 41.2 | 1,656,060 | 1,253,820 | 28.5 | 41.6 |
| \$500,000 to \$1,000,000..... | 5 | — | 1.4 | — | 529 | — | 30.3 | — | 6,750,809 | — | 24.9 | — | 1,040,133 | — | 28.4 | — |
| BUTTER..... | 101 | 88 | 100.0 | 100.0 | 475 | 412 | 100.0 | 100.0 | 12,990,885 | 6,133,788 | 100.0 | 100.0 | 2,260,401 | 1,185,212 | 100.0 | 100.0 |
| Less than \$20,000..... | 10 | 26 | 9.3 | 29.5 | 7 | 36 | 1.5 | 8.8 | 125,165 | 476,240 | 1.0 | 7.8 | 26,684 | 119,481 | 1.2 | 10.0 |
| \$20,000 to \$100,000..... | 55 | 49 | 54.5 | 55.7 | 135 | 147 | 28.4 | 35.7 | 3,299,730 | 2,311,116 | 24.7 | 37.7 | 511,271 | 331,017 | 22.6 | 27.9 |
| \$100,000 to \$500,000..... | 31 | 113 | 30.7 | 14.8 | 157 | 1,229 | 33.1 | 55.6 | 6,260,811 | 1,346,432 | 48.2 | 54.6 | 933,099 | 1,737,714 | 41.3 | 62.1 |
| \$500,000 to \$1,000,000..... | 5 | — | 5.0 | — | 176 | — | 37.1 | — | 3,395,173 | — | 26.1 | — | 788,350 | — | 34.9 | — |
| CANNING AND PRESERVING, FISH..... | 66 | 48 | 100.0 | 100.0 | 1,683 | 1,715 | 100.0 | 100.0 | 15,860,141 | 7,634,078 | 100.0 | 100.0 | 5,559,408 | 3,524,944 | 100.0 | 100.0 |
| Less than \$5,000..... | 3 | — | 4.5 | — | 4 | — | 0.2 | — | 8,175 | — | 0.1 | — | 4,405 | — | 0.1 | — |
| \$5,000 to \$20,000..... | 5 | 19 | 7.6 | 18.7 | 20 | 237 | 1.2 | 2.2 | 51,843 | 2,842,95 | 0.3 | 1.1 | 23,893 | 241,916 | 0.4 | 1.2 |
| \$20,000 to \$100,000..... | 18 | 15 | 24.2 | 31.2 | 133 | 205 | 7.9 | 17.2 | 584,744 | 524,202 | 5.6 | 10.8 | 277,457 | 434,169 | 5.0 | 12.3 |
| \$100,000 to \$500,000..... | 37 | *24 | 56.1 | 59.0 | 574 | 1,353 | 51.9 | 80.6 | 10,047,078 | *6,725,570 | 63.3 | 88.1 | 3,005,460 | *3,045,359 | 51.1 | 86.5 |
| \$500,000 and over..... | 5 | — | 7.6 | — | 652 | — | 38.7 | — | 4,868,301 | — | 30.7 | — | 2,245,158 | — | 40.4 | — |
| CANNING AND PRESERVING, FRUITS..... | 30 | 18 | 100.0 | 100.0 | 1,348 | 367 | 100.0 | 100.0 | 9,295,891 | 1,120,149 | 100.0 | 100.0 | 3,416,145 | 305,604 | 100.0 | 100.0 |
| Less than \$20,000..... | 9 | 9 | 30.0 | 50.0 | 44 | 48 | 3.3 | 13.1 | 80,067 | 90,464 | 0.9 | 8.1 | 36,445 | 34,284 | 1.1 | 11.2 |
| \$20,000 to \$100,000..... | 7 | 19 | 23.3 | 50.0 | 94 | 1,319 | 7.0 | 80.9 | 293,484 | 1,102,685 | 3.2 | 91.9 | 121,928 | 1,271,320 | 3.6 | 88.8 |
| \$100,000 to \$500,000..... | 8 | — | 26.7 | — | 276 | — | 20.5 | — | 1,403,205 | — | 15.1 | — | 599,428 | — | 17.5 | — |
| \$500,000 to \$1,000,000..... | 3 | — | 10.0 | — | 329 | — | 24.4 | — | 2,062,178 | — | 22.2 | — | 887,943 | — | 26.0 | — |
| \$1,000,000 and over..... | 3 | — | 10.0 | — | 605 | — | 44.9 | — | 5,456,957 | — | 58.7 | — | 1,770,401 | — | 51.8 | — |
| CARS AND GENERAL SHOP CONSTRUCTION AND REPAIRS BY STEAM-RAILROAD COMPANIES..... | 35 | 26 | 100.0 | 100.0 | 6,450 | 4,543 | 100.0 | 100.0 | 14,935,008 | 7,026,916 | 100.0 | 100.0 | 9,211,197 | 3,947,008 | 100.0 | 100.0 |
| \$5,000 to \$20,000..... | 4 | 3 | 11.4 | 11.5 | 22 | 22 | 0.3 | 0.5 | 38,089 | 40,806 | 0.3 | 0.6 | 35,752 | 29,103 | 0.4 | 0.7 |
| \$20,000 to \$100,000..... | 7 | 11 | 20.0 | 42.3 | 185 | 392 | 2.9 | 8.6 | 385,676 | 611,539 | 2.6 | 8.7 | 280,842 | 406,263 | 3.0 | 10.3 |
| \$100,000 to \$500,000..... | 16 | 8 | 45.7 | 30.8 | 1,755 | *4,129 | 27.1 | 90.9 | 3,745,754 | 2,002,786 | 25.1 | 28.5 | 2,776,031 | *3,511,642 | 30.1 | 89.0 |
| \$500,000 to \$1,000,000..... | 4 | *4 | 11.4 | 15.4 | 1,230 | — | 19.0 | — | 2,994,782 | *4,372,285 | 20.1 | 62.2 | 4,280,409 | — | 46.5 | — |
| CONFETIONERY AND ICE CREAM..... | 119 | 100 | 100.0 | 100.0 | 1,596 | 638 | 100.0 | 100.0 | 10,301,924 | 2,474,506 | 100.0 | 100.0 | 4,618,204 | 1,114,151 | 100.0 | 100.0 |
| Less than \$5,000..... | 14 | 27 | 11.8 | 27.0 | 3 | 18 | 0.2 | 2.3 | 42,098 | 76,372 | 0.4 | 3.1 | 20,939 | 44,770 | 0.5 | 4.0 |
| \$5,000 to \$20,000..... | 28 | 43 | 23.5 | 43.0 | 57 | 113 | 3.6 | 17.7 | 296,984 | 456,327 | 2.9 | 18.4 | 133,209 | 227,035 | 2.9 | 20.4 |
| \$20,000 to \$100,000..... | 55 | 25 | 46.2 | 25.0 | 334 | 274 | 20.9 | 42.9 | 2,173,590 | 968,852 | 21.1 | 39.2 | 954,894 | 470,505 | 20.7 | 42.2 |
| \$100,000 to \$500,000..... | 18 | 5 | 15.1 | 5.0 | 475 | 233 | 29.8 | 36.5 | 2,973,437 | 972,955 | 28.9 | 39.3 | 1,231,694 | 371,841 | 26.7 | 33.4 |
| \$500,000 and over..... | 4 | — | 3.4 | — | 727 | — | 45.6 | — | 4,815,817 | — | 46.7 | — | 2,277,468 | — | 49.3 | — |
| FLOUR-MILL AND GRISTMILL PRODUCTS..... | 119 | 100 | 100.0 | 100.0 | 1,536 | 928 | 100.0 | 100.0 | 81,141,020 | 23,665,382 | 100.0 | 100.0 | 7,986,078 | 3,392,887 | 100.0 | 100.0 |
| Less than \$5,000..... | 5 | 7 | 4.2 | 7.0 | — | 2 | — | 0.2 | 11,444 | 24,895 | (*) | 0.1 | 2,540 | 6,188 | (6) | 0.2 |
| \$5,000 to \$20,000..... | 22 | 25 | 18.5 | 25.0 | 13 | 30 | 0.8 | 3.2 | 237,774 | 286,065 | 0.3 | 1.2 | 51,778 | 65,933 | 0.6 | 1.9 |
| \$20,000 to \$100,000..... | 35 | 30 | 29.4 | 30.0 | 64 | 74 | 4.2 | 8.0 | 1,743,103 | 1,436,694 | 2.1 | 6.1 | 289,996 | 250,720 | 3.6 | 7.4 |
| \$100,000 to \$500,000..... | 29 | 131 | 24.4 | 31.0 | 147 | 1,362 | 0.6 | 39.0 | 6,699,354 | 1,8,938,683 | 8.3 | 37.8 | 703,476 | 1,120,315 | 8.8 | 36.9 |
| \$500,000 to \$1,000,000..... | 10 | — | 8.4 | — | 147 | — | 9.6 | — | 1,433,239 | 65,016,106 | 9.2 | — | 618,545 | — | 7.8 | — |
| \$1,000,000 and over..... | 18 | 7 | 15.1 | 7.0 | 1,165 | 480 | 75.8 | 49.6 | 12,978,890 | 80.1 | 54.8 | — | 6,319,743 | 1,819,731 | 79.1 | 53.6 |
| FOUNDRY AND MACHINE-SHOP PRODUCTS ^a | 249 | 190 | 100.0 | 100.0 | 3,661 | 1,850 | 100.0 | 100.0 | 20,972,524 | 5,975,823 | 100.0 | 100.0 | 12,831,201 | 3,326,098 | 100.0 | 100.0 |
| Less than \$5,000..... | 52 | 66 | 20.9 | 34.7 | 23 | 42 | 0.6 | 2.3 | 131,642 | 162,460 | 0.6 | 2.7 | 85,888 | 110,677 | 0.7 | 3.3 |
| \$5,000 to \$20,000..... | 76 | 59 | 30.5 | 31.1 | 184 | 261 | 4.5 | 14.1 | 750,702 | 660,872 | 3.5 | 11.1 | 496,422 | 442,860 | 3.9 | 13.3 |
| \$20,000 to \$100,000..... | 83 | 52 | 33.3 | 27.4 | 763 | 596 | 20.8 | 32.2 | 3,587,138 | 2,038,573 | 17.1 | 34.1 | 2,205,854 | 1,125,239 | 17.2 | 33.8 |
| \$100,000 to \$500,000..... | 27 | 113 | 10.8 | 6.8 | 1,057 | 1,951 | 28.9 | 51.4 | 5,590,485 | 1,311,918 | 26.7 | 52.1 | 3,146,274 | *1,646,322 | 24.5 | 49.5 |
| \$500,000 to \$1,000,000..... | 5 | — | 2.0 | — | 552 | — | 15.1 | — | 3,314,123 | — | 15.8 | — | 2,478,978 | — | 19.3 | — |
| \$1,000,000 and over..... | 6 | — | 2.4 | — | 1,102 | — | 30.1 | — | 7,618,434 | — | 36.3 | — | 4,417,786 | — | 34.4 | — |
| LUMBER AND TIMBER PRODUCTS..... | 1,130 | 821 | 100.0 | 100.0 | 53,393 | 36,461 | 100.0 | 100.0 | 220,512,359 | 78,130,004 | 100.0 | 100.0 | 135,205,588 | 42,627,279 | 100.0 | 100.0 |
| Less than \$5,000..... | 173 | 192 | 15.3 | 23.4 | 154 | 336 | 0.3 | 0.9 | 459,436 | 446,867 | 0.2 | 0.6 | 362,197 | 324,958 | 0.3 | 0.8 |
| \$5,000 to \$20,000..... | 264 | 190 | 23.4 | 28.9 | 853 | 1,371 | 1.6 | 3.8 | 2,874,113 | 2,220,719 | 1.3 | 2.8 | 2,198,942 | 1,459,654 | 1.6 | 3.4 |
| \$20,000 to \$100,000..... | 316 | 237 | 28.0 | 28.9 | 4,651 | 6,040 | 8.7 | 16.6 | 14,966,057 | 12,082,105 | 6.8 | 15.5 | 11,038,863 | 6,853,415 | 8.2 | 16.1 |
| \$100,000 to \$500,000..... | 242 | 168 | 21.4 | 20.5 | 13,830 | 125,591 | 25.9 | 70.2 | 56,608,050 | 41,054,300 | 25.7 | 52.5 | 34,514,146 | 130,637,649 | 25.5 | 71.9 |
| \$500,000 to \$1,000,000..... | 85 | 22 | 7.5 | 2.7 | 14,861 | — | 27.8 | — | 60,025,812 | 15,674,564 | 27.2 | 20.1 | 36,402,188 | — | 26.9 | — |
| \$1,000,000 and over..... | 50 | 6 | 4.4 | 0.7 | 18,044 | 3,123 | 35.7 | 8.6 | | | | | | | | |

MANUFACTURES—WASHINGTON.

TABLE 12.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR SELECTED INDUSTRIES: 1919 AND 1914.—Con.

| INDUSTRY AND VALUE OF PRODUCT. | NUMBER OF ESTABLISHMENTS. | | | | AVERAGE NUMBER OF WAGE EARNERS. | | | | VALUE OF PRODUCTS. | | | | VALUE ADDED BY MANUFACTURE. | | | |
|---|---------------------------|-------|-------|-------|---------------------------------|--------|-------|-------|--------------------|-------------|-----------------------|-------|-----------------------------|-------------|-------|-------|
| | 1919 | | 1914 | | Percent distribution. | | 1919 | | 1914 | | Percent distribution. | | 1919 | | 1914 | |
| | 1919 | 1914 | 1919 | 1914 | 1919 | 1914 | 1919 | 1914 | 1919 | 1914 | 1919 | 1914 | 1919 | 1914 | 1919 | 1914 |
| | | | | | | | | | | | | | | | | |
| LUMBER, PLANING-MILL PRODUCTS, NOT INCLUDING PLANING MILLS CONNECTED WITH SAWMILLS..... | 86 | 91 | 100.0 | 100.0 | 1,946 | 1,273 | 100.0 | 100.0 | \$10,931,701 | \$4,595,765 | 100.0 | 100.0 | \$4,871,374 | \$2,015,242 | 100.0 | 100.0 |
| Less than \$5,000..... | 9 | 19 | 10.5 | 20.9 | 4 | 15 | 0.2 | 1.2 | 17,952 | 52,561 | 0.2 | 1.1 | 10,599 | 30,250 | 0.2 | 1.5 |
| \$5,000 to \$20,000..... | 17 | 23 | 19.8 | 25.3 | 42 | 91 | 2.2 | 7.1 | 190,525 | 256,703 | 1.7 | 5.6 | 113,926 | 138,382 | 2.3 | 6.9 |
| \$20,000 to \$100,000..... | 29 | 39 | 33.7 | 42.9 | 291 | 466 | 15.0 | 36.6 | 1,429,473 | 1,733,886 | 13.1 | 37.7 | 750,473 | 806,094 | 15.4 | 40.0 |
| \$100,000 to \$500,000..... | 28 | 10 | 32.6 | 11.0 | 787 | 701 | 40.4 | 55.5 | 5,288,742 | 2,552,615 | 48.4 | 55.5 | 2,212,362 | 1,040,516 | 45.4 | 51.6 |
| \$500,000 and over..... | 3 | ----- | 3.5 | ----- | 822 | ----- | 42.2 | ----- | 4,005,000 | ----- | 36.6 | ----- | 1,734,014 | ----- | 36.6 | ----- |
| PRINTING AND PUBLISHING, NEWSPAPERS AND PERIODICALS..... | 316 | 402 | 100.0 | 100.0 | 1,404 | 1,302 | 100.0 | 100.0 | 11,954,252 | 6,856,299 | 100.0 | 100.0 | 9,156,359 | 5,254,016 | 100.0 | 100.0 |
| Less than \$5,000..... | 150 | 251 | 47.5 | 62.4 | 47 | 147 | 3.3 | 11.3 | 373,425 | 618,463 | 3.1 | 9.0 | 294,635 | 530,184 | 3.2 | 10.2 |
| \$5,000 to \$20,000..... | 119 | 113 | 37.7 | 28.1 | 213 | 256 | 15.5 | 22.0 | 1,147,204 | 1,000,530 | 9.6 | 15.9 | 954,797 | 933,435 | 10.4 | 17.8 |
| \$20,000 to \$100,000..... | 31 | 27 | 9.8 | 6.7 | 213 | 225 | 15.2 | 17.3 | 1,357,157 | 1,332,902 | 11.4 | 19.4 | 1,135,883 | 1,204,538 | 12.4 | 22.9 |
| \$100,000 to \$500,000..... | 10 | 11 | 3.2 | 2.7 | 377 | 1,644 | 26.9 | 49.5 | 1,962,279 | 1,814,404 | 18.4 | 55.6 | 1,454,609 | 1,257,889 | 15.9 | 49.1 |
| \$500,000 to \$1,000,000..... | 3 | ----- | 0.9 | ----- | 166 | ----- | 11.8 | ----- | 1,907,437 | ----- | 16.0 | ----- | 1,579,389 | ----- | 17.2 | ----- |
| \$1,000,000 and over..... | 3 | ----- | 0.9 | ----- | 383 | ----- | 27.3 | ----- | 5,200,750 | ----- | 45.6 | ----- | 3,736,956 | ----- | 40.8 | ----- |
| SHIPBUILDING, INCLUDING BOAT BUILDING..... | 76 | 64 | 100.0 | 100.0 | 31,576 | 1,444 | 100.0 | 100.0 | 166,519,787 | 3,101,446 | 100.0 | 100.0 | 92,473,570 | 2,114,583 | 100.0 | 100.0 |
| Less than \$5,000..... | 17 | 28 | 22.4 | 43.8 | 9 | 21 | (*) | 1.5 | 45,553 | 64,122 | (*) | 2.1 | 30,412 | 43,973 | (*) | 2.1 |
| \$5,000 to \$20,000..... | 13 | 22 | 17.1 | 34.4 | 35 | 134 | 0.1 | 9.3 | 120,881 | 238,162 | 0.1 | 7.7 | 77,937 | 149,149 | 0.1 | 7.1 |
| \$20,000 to \$100,000..... | 16 | 11 | 21.1 | 17.2 | 279 | 151 | 0.8 | 10.5 | 1,030,823 | 412,111 | 0.6 | 13.3 | 611,189 | 221,571 | 0.7 | 10.5 |
| \$100,000 to \$500,000..... | 9 | 8 | 11.8 | 4.7 | 701 | 21,138 | 2.0 | 78.8 | 2,428,750 | 2,387,021 | 1.5 | 77.0 | 1,371,073 | 1,093,890 | 1.5 | 80.4 |
| \$500,000 to \$1,000,000..... | 6 | ----- | 7.9 | ----- | 697 | ----- | 2.0 | ----- | 3,685,791 | ----- | 2.2 | ----- | 2,646,120 | ----- | 2.0 | ----- |
| \$1,000,000 and over..... | 15 | ----- | 19.7 | ----- | 32,855 | ----- | 95.0 | ----- | 159,203,039 | ----- | 95.6 | ----- | 87,736,839 | ----- | 94.9 | ----- |
| SLAUGHTERING AND MEAT PACKING..... | 29 | 11 | 100.0 | 100.0 | 1,222 | 804 | 100.0 | 100.0 | 34,338,584 | 18,443,526 | 100.0 | 100.0 | 5,264,132 | 2,542,752 | 100.0 | 100.0 |
| \$5,000 to \$20,000..... | 4 | ----- | 13.8 | ----- | 4 | ----- | 0.3 | ----- | 66,955 | ----- | 0.2 | ----- | 28,886 | ----- | 0.5 | ----- |
| \$20,000 to \$100,000..... | 8 | 3 | 27.6 | 27.3 | 19 | 5 | 1.6 | 0.6 | 357,254 | 116,843 | 1.0 | 0.6 | 78,622 | 26,854 | 1.5 | 1.1 |
| \$100,000 to \$500,000..... | 11 | 4 | 37.9 | 27.3 | 142 | 453 | 11.6 | 6.1 | 1,039,906 | 1,205,329 | 9.0 | 6.6 | 471,420 | 420,930 | 13.5 | 8.0 |
| \$500,000 to \$1,000,000..... | 6 | 5 | 20.7 | 45.5 | 1,057 | 806 | 86.5 | 93.8 | 30,561,469 | 17,118,354 | 89.8 | 92.8 | 4,444,224 | 2,311,963 | 84.4 | 90.9 |

¹ Includes the groups "\$500,000 to \$1,000,000" and "\$1,000,000 and over."² Less than one-tenth of 1 per cent.³ Includes the group "\$1,000,000 and over."⁴ Includes the group "\$500,000 to \$1,000,000."

TABLE 13.—SIZE OF ESTABLISHMENTS, BY VALUE OF PRODUCTS, FOR CITIES OF 10,000 INHABITANTS OR MORE: 1919.

| CITY AND VALUE OF PRODUCT. | Number of Establishments. | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | | CITY AND VALUE OF PRODUCT. | Number of Establishments. | WAGE EARNERS. | | VALUE OF PRODUCTS. | | VALUE ADDED BY MANUFACTURE. | |
|-------------------------------|---------------------------|-----------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|-------------------------------|---------------------------|-----------------|--------------------|--------------------|--------------------|-----------------------------|--------------------|
| | | Average number. | Per cent of total. | Amount. | Per cent of total. | Amount. | Per cent of total. | | | Average number. | Per cent of total. | Amount. | Per cent of total. | Amount. | Per cent of total. |
| | | | | | | | | | | | | | | | |
| ABERDEEN..... | 73 | 2,715 | 100.0 | \$15,757,723 | 100.0 | \$3,096,575 | 100.0 | SPOKANE..... | 364 | 4,752 | 100.0 | \$40,149,381 | 100.0 | \$14,497,804 | 100.0 |
| Less than \$5,000..... | 16 | 6 | 0.2 | 49,164 | 0.3 | 84,819 | 0.4 | Less than \$5,000..... | 82 | 30 | 0.6 | 201,201 | 0.5 | 124,684 | 0.9 |
| \$5,000 to \$20,000..... | 17 | 33 | 1.4 | 155,632 | 1.2 | 121,530 | 1.5 | \$5,000 to \$20,000..... | 113 | 275 | 5.8 | 1,292,855 | 3.2 | 807,157 | 5.6 |
| \$20,000 to \$100,000..... | 17 | 124 | 4.6 | 903,741 | 5.7 | 461,052 | 5.7 | \$20,000 to \$100,000..... | 114 | 960 | 20.2 | 4,255,504 | 12.0 | 2,414,651 | 16.7 |
| \$100,000 to \$500,000..... | 14 | 683 | 25.2 | 3,065,462 | 19.1 | 1,630,558 | 20.1 | \$100,000 to \$500,000..... | 29 | 992 | 20.9 | 5,782,029 | 14.4 | 2,590,359 | 17.9 |
| \$500,000 to \$1,000,000..... | 5 | 647 | 23.8 | 1,979,027 | 23.3 | 1,834,658 | 22.7 | \$500,000 to \$1,000,000..... | 11 | 1,041 | 21.9 | 7,567,072 | 18.8 | 3,935,153 | 27.1 |
| \$1,000,000 and over..... | 4 | 1,217 | 44.8 | 7,638,297 | 48.5 | 4,014,074 | 49.6 | \$1,000,000 and over..... | 10 | 1,454 | 30.6 | 20,480,630 | 51.0 | 4,625,760 | 31.9 |
| BELLINGHAM..... | 110 | 3,088 | 100.0 | 17,807,631 | 100.0 | 7,838,210 | 100.0 | TACOMA..... | 343 | 10,714 | 100.0 | 103,171,756 | 100.0 | 29,893,333 | 100.0 |
| Less than \$5,000..... | 28 | 12 | 0.4 | 78,507 | 0.4 | 46,767 | 0.6 | Less than \$5,000..... | 56 | 18 | 0.2 | 155,588 | 0.1 | 104,758 | 0.4 |
| \$5,000 to \$20,000..... | 31 | 55 | 2.1 | 318,370 | 2.7 | 185,418 | 2.4 | \$5,000 to \$20,000..... | 100 | 213 | 2.0 | 1,100,483 | 1.1 | 631,609 | 2.3 |
| \$20,000 to \$100,000..... | 36 | 307 | 9.9 | 1,673,967 | 9.4 | 850,558 | 10.9 | \$20,000 to \$100,000..... | 104 | 840 | 7.8 | 4,892,329 | 4.7 | 2,314,733 | 7.7 |
| \$100,000 to \$500,000..... | 9 | 405 | 13.1 | 2,236,127 | 12.8 | 1,051,088 | 13.4 | \$100,000 to \$500,000..... | 61 | 2,276 | 21.2 | 14,032,219 | 13.6 | 6,352,614 | 21.2 |
| \$500,000 to \$1,000,000..... | 4 | 576 | 18.7 | 5,113,951 | 17.5 | 1,308,192 | 16.7 | \$500,000 to \$1,000,000..... | 14 | 1,837 | 17.1 | 7,666,630 | 9.4 | 5,456,960 | 18.3 |
| \$1,000,000 and over..... | 4 | 1,723 | 55.8 | 10,336,709 | 59.0 | 4,390,159 | 60.1 | \$1,000,000 and over..... | 13 | 5,530 | 51.6 | 73,324,507 | 71.1 | 14,937,065 | 50.1 |
| EVERETT..... | 127 | 3,273 | 100.0 | 21,836,682 | 100.0 | 9,979,078 | 100.0 | VANCOUVER..... | 39 | 4,522 | 100.0 | 21,251,700 | 100.0 | 9,322,160 | 100.0 |
| Less than \$5,000..... | 22 | 11 | 0.3 | 58,133 | 0.3 | 36,828 | 0.4 | Less than \$5,000..... | 7 | 6 | 0.1 | 17,093 | 0.1 | 8,164 | 0.1 |
| \$5,000 to \$20,000..... | 50 | 137 | 4.2 | 601,241 | 2.7 | 347,150 | 3.5 | \$5,000 to \$20,000..... | 13 | 39 | 0.9 | 158,979 | 0.7 | 110,645 | 1.2 |
| \$20,000 to \$100,000..... | 27 | 232 | 7.1 | 1,302,449 | 5.9 | 660,088 | 6.6 | \$20,000 to \$100,000..... | 8 | 74 | 1.6 | 400,694 | 1.9 | 212,997 | 2.3 |
| \$100,000 to \$500,000..... | 18 | 483 | 14.9 | 3,535,007 | 16.2 | 1,607,068 | 16.1 | \$100,000 and over..... | 11 | 4,403 | 97.4 | 20,674,944 | 97.3 | 8,990,353 | 98.4 |
| \$500,000 to \$1,000,000..... | 3 | 326 | 10.0 | 2,232,323 | 10.2 | 902,464 | 9.0 | \$1,000,000 and over..... | 13 | 5,530 | 51.6 | 71,111 | 14,937,065 | 50.1 | ----- |
| \$1,000,000 and over..... | 7 | 2,070 | 63.5 | 14,157,524 | 64.7 | 6,425,180 | 64.4 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| HOQUAM..... | 38 | 2,164 | 100.0 | 11,372,031 | 100.0 | 5,565,158 | 100.0 | Less than \$5,000..... | 13 | 3 | 0.7 | 28,791 | 0.7 | 19,432 | 1.3 |
| Less than \$5,000..... | 6 | 6 | 0.3 | 17,905 | 0.1 | 15,284 | 0.3 | \$5,000 to \$20,000..... | 27 | 57 | 13.3 | 297,685 | 6.9 | 189,526 | 12.9 |
| \$5,000 to \$20,000..... | 12 | 31 | 1.4 | 114,118 | 1.0 | 69,664 | 1.3 | \$20,000 to \$100,000..... | 21 | 182 | 42.5 | 945,926 | 21.9 | 537,705 | 38.7 |
| \$20,000 to \$100,000..... | 7 | 48 | 2.2 | 269,777 | 2.3 | 146,589 | 2.6 | \$100,000 and over..... | 8 | 186 | 43.5 | 3,050,234 | 70.6 | 719,642 | 49.1 |
| \$100,000 to \$500,000..... | 7 | 308 | 14.2 | 1,376,238 | 13.3 | 798,419 | 14.3 | ----- | ----- | ----- | ----- | ----- | ----- | ----- | ----- |
| \$500,000 and over..... | 6 | 1,771 | 81.8 | 9,894 | | | | | | | | | | | |

MANUFACTURES—WASHINGTON.

115

TABLE 14.—CHARACTER OF OWNERSHIP, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919 AND 1914.

| INDUSTRY AND CITY. | Cen- sus year. | NUMBER OF ESTABLISHMENTS OWNED BY— | | | AVERAGE NUMBER OF WAGE EARNERS. | | | | | | VALUE OF PRODUCTS. | | | | | | | | |
|---|----------------------|--|------------------------|-------------------------|---------------------------------|------------------------|-------------------------|---------------------|------------------------|-------------------------|---------------------|---------------|-------------------|-----------------------------|--------------|-------------------|-------------------------|---------------------|--|
| | | | | | In establishments owned by— | | | Per cent of total. | | | | | | Of establishments owned by— | | | Per cent of total. | | |
| | | Total. | Indi- vid- uals. | Cor- pora- tions. | All oth- ers. | Indi- vid- uals. | Cor- pora- tions. | All oth- ers. | Indi- vid- uals. | Cor- pora- tions. | All oth- ers. | Total. | Individ- uals. | Corpor- ations. | All others. | Individ- uals. | Cor- pora- tions. | All oth- ers. | |
| All industries..... | 1919 | 2,011 | 1,918 | 994 | 132,928 | 6,918 | 120,361 | 5,649 | 5.2 | 90.5 | 4.2 | \$309,622,984 | \$8,257,262 | \$739,639,897 | \$31,725,725 | 4.7 | 91.4 | 3.9 | |
| | 1914 | 1,714 | 1,484 | 661 | 67,205 | 4,643 | 59,171 | 3,391 | 6.9 | 88.0 | 5.0 | 215,336,456 | 17,391,674 | 216,661,919 | 11,359,862 | 7.1 | 84.3 | 4.6 | |
| | 1909 | 1,445 | 1,444 | 735 | 69,120 | 6,814 | 57,107 | 5,199 | 9.9 | 82.6 | 7.5 | 220,740,421 | 20,380,962 | 185,171,875 | 14,993,584 | 9.3 | 83.9 | 6.8 | |
| Automobile repairing..... | 1919 | 265 | 128 | 169 | 1,087 | 541 | 793 | 353 | 32.1 | 47.0 | 20.9 | 6,952,681 | 2,362,255 | 3,029,393 | 1,561,023 | 34.0 | 43.6 | 22.5 | |
| | 1914 | 15 | 7 | 4 | 67 | 24 | 35 | 8 | 35.8 | 52.2 | 11.9 | 149,153 | 63,017 | 61,182 | 24,934 | 42.2 | 41.0 | 16.7 | |
| Bread and other bakery products..... | 1919 | 246 | 44 | 74 | 1,743 | 494 | 1,004 | 245 | 28.3 | 57.6 | 14.1 | 15,013,030 | 4,605,851 | 7,870,000 | 2,567,179 | 39.6 | 52.3 | 17.1 | |
| | 1914 | 303 | 27 | 60 | 1,419 | 553 | 689 | 177 | 39.0 | 48.6 | 12.5 | 8,572,336 | 2,595,081 | 3,160,105 | 816,170 | 39.5 | 48.1 | 12.4 | |
| Butter..... | 1919 | 25 | 52 | 24 | 475 | 61 | 356 | 58 | 12.8 | 74.9 | 12.2 | 12,990,885 | 1,282,922 | 9,160,525 | 2,547,438 | 9.9 | 70.5 | 19.6 | |
| | 1914 | 23 | 42 | 23 | 412 | 57 | 284 | 71 | 13.8 | 83.9 | 17.2 | 8,133,788 | 1,014,143 | 3,504,975 | 1,614,679 | 16.5 | 57.1 | 26.3 | |
| Canning and preserving, fish..... | 1919 | 10 | 54 | 2 | 1,683 | 170 | 1,613 | — | 4.2 | 95.8 | — | 15,920,141 | 1,756,028 | 15,104,113 | — | 4.8 | 95.2 | — | |
| | 1914 | 6 | 38 | 4 | 1,715 | 47 | 1,604 | 64 | 2.7 | 93.5 | 3.7 | 7,634,076 | 250,723 | 7,157,430 | 216,923 | 3.4 | 93.8 | 2.8 | |
| Canning and preserving, fruits..... | 1919 | 6 | 14 | 10 | 1,348 | 13 | 1,136 | 199 | 1.0 | 84.3 | 14.8 | 9,295,891 | 74,148 | 7,537,549 | 1,624,194 | 0.8 | 81.1 | 18.1 | |
| | 1914 | 5 | 8 | 5 | 307 | 20 | 75 | 272 | 5.4 | 20.4 | 74.1 | 1,120,149 | 95,011 | 291,509 | 733,029 | 8.5 | 26.0 | 65.4 | |
| Cars and general shop construction and repairs by steam - railroad companies..... | 1919 | 35 | — | — | 6,480 | — | — | — | 100.0 | — | — | 14,935,008 | — | 14,935,008 | — | 100.0 | — | — | |
| | 1914 | 26 | — | — | 4,543 | — | — | — | 100.0 | — | — | 7,026,916 | — | 7,026,916 | — | 100.0 | — | — | |
| Condensed milk..... | 1919 | — | 14 | — | 734 | — | 734 | — | — | 100.0 | — | 19,586,736 | — | 19,586,736 | — | 100.0 | — | — | |
| | 1914 | — | 6 | — | 436 | — | 436 | — | — | 100.0 | — | 5,584,998 | — | 5,584,998 | — | 100.0 | — | — | |
| Confectionery and ice cream..... | 1919 | 48 | 50 | 21 | 1,596 | 146 | 1,315 | 135 | 9.1 | 82.4 | 8.5 | 19,301,924 | 1,038,317 | 8,415,579 | 848,028 | 10.1 | 81.7 | 8.2 | |
| | 1914 | 48 | 32 | 20 | 638 | 119 | 446 | 73 | 18.7 | 69.9 | 11.4 | 2,474,506 | 423,370 | 1,749,775 | 301,361 | 17.1 | 70.7 | 12.2 | |
| Flour-mill and gristmill products..... | 1919 | 27 | 72 | 20 | 1,536 | 34 | 1,464 | 38 | 2.2 | 95.3 | 2.5 | 81,141,020 | 1,162,489 | 78,343,365 | 1,635,186 | 1.4 | 96.6 | 2.0 | |
| | 1914 | 28 | 56 | 16 | 928 | 55 | 846 | 27 | 5.9 | 91.2 | 2.9 | 23,665,332 | 1,519,030 | 21,735,290 | 411,062 | 6.4 | 91.8 | 1.7 | |
| Foundry and machine-shop products. ³ | 1919 | 88 | 110 | 51 | 3,661 | 221 | 3,010 | 420 | 6.0 | 82.2 | 11.7 | 20,972,524 | 1,101,957 | 17,504,283 | 2,366,284 | 5.3 | 83.5 | 11.3 | |
| | 1914 | 74 | 76 | 40 | 1,850 | 127 | 1,524 | 199 | 6.9 | 82.4 | 10.8 | 5,975,823 | 411,657 | 4,973,303 | 590,863 | 6.9 | 83.2 | 9.9 | |
| Lumber and timber products..... | 1919 | 343 | 494 | 293 | 53,393 | 3,009 | 47,689 | 2,695 | 5.6 | 89.3 | 5.0 | 220,512,359 | 10,993,496 | 199,756,060 | 9,762,794 | 5.0 | 90.6 | 4.4 | |
| | 1914 | 219 | 450 | 152 | 36,461 | 1,612 | 33,354 | 1,495 | 4.4 | 91.5 | 4.1 | 78,139,004 | 3,267,300 | 71,984,868 | 2,877,836 | 4.2 | 92.1 | 3.7 | |
| Lumber, planing - mill products, not including planing mills connected with sawmills..... | 1919 | 22 | 50 | 14 | 1,948 | 125 | 1,688 | 133 | 6.4 | 86.7 | 6.8 | 10,931,701 | 885,253 | 9,336,203 | 710,240 | 8.1 | 85.4 | 6.5 | |
| | 1914 | 30 | 50 | 11 | 1,273 | 76 | 1,094 | 103 | 6.0 | 85.9 | 8.1 | 4,595,795 | 339,770 | 3,953,131 | 302,804 | 7.4 | 86.0 | 6.6 | |
| Printing and publishing, newspapers and periodicals..... | 1919 | 186 | 77 | 53 | 1,404 | 231 | 1,118 | 55 | 16.5 | 79.6 | 3.9 | 11,934,252 | 1,346,283 | 10,227,222 | 339,747 | 11.3 | 85.6 | 3.2 | |
| | 1914 | 233 | 99 | 70 | 1,362 | 286 | 945 | 68 | 22.0 | 72.3 | 5.2 | 6,856,299 | 1,014,193 | 5,534,535 | 307,269 | 14.8 | 50.7 | 4.5 | |
| Shipbuilding, including boat building..... | 1919 | 23 | 40 | 13 | 34,576 | 75 | 33,953 | 548 | 0.2 | 93.2 | 1.6 | 166,519,737 | 292,085 | 163,895,783 | 2,331,919 | 0.2 | 95.4 | 1.4 | |
| | 1914 | 35 | 11 | 18 | 1,444 | 95 | 1,234 | 115 | 0.2 | 93.5 | 8.0 | 2,101,446 | 273,265 | 2,551,020 | 277,161 | 8.8 | 82.3 | 8.9 | |
| Slaughtering and meat packing..... | 1919 | 8 | 17 | 4 | 1,222 | 81 | 1,135 | 6 | 6.6 | 92.9 | 0.5 | 34,358,534 | 2,754,566 | 31,483,020 | 150,939 | 8.0 | 91.6 | 0.4 | |
| | 1914 | 2 | 7 | 2 | 864 | 144 | 820 | — | 5.1 | 94.9 | — | 18,443,526 | 1,161,573 | 17,281,053 | — | 6.3 | 93.7 | — | |
| Total for cities..... | 1919 | 956 | 1,103 | 415 | 73,525 | 8,293 | 68,631 | 1,901 | 4.5 | 93.0 | 2.6 | 516,417,759 | 21,819,506 | 481,145,969 | 13,452,104 | 4.2 | 93.2 | 2.6 | |
| | 1914 | 894 | 792 | 338 | 30,573 | 2,363 | 26,697 | 1,543 | 7.7 | 87.2 | 5.0 | 136,691,774 | 9,781,062 | 121,320,607 | 5,557,105 | 7.2 | 88.8 | 4.1 | |
| ABERDEEN..... | 1919 | 28 | 32 | 13 | 2,715 | 275 | 2,402 | 38 | 10.1 | 88.5 | 1.4 | 15,757,723 | 1,725,276 | 13,730,474 | 301,973 | 10.9 | 87.1 | 1.9 | |
| | 1914 | 21 | 27 | 12 | 1,568 | 90 | 1,255 | 273 | 2.6 | 80.0 | 17.4 | 4,815,113 | 154,260 | 3,910,576 | 750,277 | 3.2 | 81.2 | 15.6 | |
| BELLINGHAM..... | 1919 | 52 | 38 | 20 | 3,038 | 121 | 2,890 | 77 | 3.9 | 93.6 | 2.5 | 17,507,631 | 692,240 | 16,701,412 | 413,979 | 3.9 | 93.8 | 2.3 | |
| | 1914 | 41 | 32 | 13 | 1,922 | 95 | 1,792 | 35 | 4.9 | 93.2 | 1.8 | 6,264,307 | 371,217 | 6,784,700 | 108,390 | 5.9 | 92.3 | 1.7 | |
| EVERETT..... | 1919 | 56 | 53 | 18 | 3,273 | 130 | 3,031 | 112 | 4.0 | 92.6 | 3.4 | 21,886,632 | 749,538 | 20,393,652 | 743,492 | 3.4 | 93.2 | 3.4 | |
| | 1914 | 49 | 35 | 14 | 1,939 | 107 | 1,745 | 104 | 5.5 | 89.2 | 5.3 | 6,530,905 | 349,443 | 5,873,335 | 310,627 | 5.3 | 89.9 | 4.8 | |
| HOQUIAM..... | 1919 | 13 | 18 | 7 | 2,164 | 34 | 2,114 | 16 | 1.6 | 97.7 | 0.7 | 11,872,031 | 191,911 | 11,552,680 | 127,446 | 1.6 | 97.3 | 1.1 | |
| | 1914 | 10 | 18 | 5 | 1,657 | 28 | 1,622 | 7 | 1.7 | 97.9 | 0.4 | 5,009,410 | 90,549 | 4,890,129 | 28,732 | 1.8 | 97.6 | 0.6 | |
| SEATTLE..... | 1919 | 466 | 566 | 197 | 40,843 | 1,702 | 38,183 | 958 | 4.2 | 93.5 | 2.3 | 274,431,239 | 12,354,630 | 255,502,020 | 6,484,589 | 4.5 | 93.1 | 2.4 | |
| | 1914 | 456 | 301 | 167 | 12,429 | 1,315 | 10,406 | 708 | 10.6 | 83.7 | 5.7 | 6,475,442 | 5,760,442 | 5,879,904 | 2,335,096 | 8.9 | 89.7 | 4.4 | |
| SPOKANE..... | 1919 | 144 | 160 | 60 | 4,752 | 381 | 4,178 | 193 | 8.0 | 87.9 | 4.1 | 40,149,331 | 1,854,506 | 36,985,129 | 1,300,746 | 4.6 | 92.1 | 3.2 | |
| | 1914 | 119 | 111 | 47 | 3,020 | 311 | 2,546 | 163 | 10.3 | 84.3 | 5.4 | 1,003,007 | 15,013,615 | 6,619,087 | 6,090,2 | 6.0 | 90.2 | 2.7 | |
| TACOMA..... | 1919 | 130 | 155 | 63 | 10,714 | 440 | 9,909 | 385 | 4.1 | 92.5 | 3.4 | 103,171,756 | 2,622,100 | 97,401,351 | 3,148,305 | 2.5 | 91.4 | 3.1 | |
| | 1914 | 154 | 129 | 56 | 6,765 | 343 | 6,232 | 185 | 5.1 | 92.1 | 2.7 | 27,707,606 | 1,165,131 | 23,903,310 | 600,135 | 4.3 | 92.5 | 2.2 | |
| VANCOUVER..... | 1919 | 13 | 19 | 7 | 4,522 | 25 | 4,454 | 43 | 0.6 | 98.5 | 1.0 | 21,251,700 | 284,515 | 20,765,185 | 292,000 | 1.3 | 97.7 | 1.0 | |
| | 1914 | 14 | 9 | 5 | 360 | 30 | 312 | 18 | 8.3 | 86.7 | 5.0 | 1,301,048 | 113,906 | 1,083,592 | 103,550 | 8.8 | 88.3 | 8.0 | |
| WALLA WALLA..... | 1919 | 30 | 24 | 15 | 428 | 74 | 322 | 32 | 17.3 | 75.2 | 7.5 | 4,322,626 | 633,848 | 3,362,650 | 326,138 | 14.7 | 77.8 | 7.5 | |
| | 1914 | 14 | 21 | 12 | 311 | 39 | 261 | 21 | 12.5 | 80.7 | 6.8 | 2,014,673 | 315,347 | 2,566,931 | 132,395 | 15.7 | 77.8 | 6.6 | |
| YAKIMA..... | 1919 | 24 | 38 | 15 | 1,326 | 111 | 1,148 | 67 | 8.4 | 86.6 | 5.1 | 5,766,950 | 711,082 | 4,661,416 | 394,532 | 12. | | | |

MANUFACTURES—WASHINGTON.

TABLE 15.—MANUFACTURES, BY POPULATION GROUPS, IN CITIES OF 10,000 INHABITANTS OR MORE: 1919, 1914, AND 1909.

| | Census year. | Aggregate. | CITIES HAVING A POPULATION OF 10,000 OR OVER. | | | | | | | | THE STATE OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER. | |
|-------------------------------------|--------------|---------------|---|------------------------|-------------------|------------------------|--------------------|------------------------|-------------------|------------------------|--|------------------------|
| | | | Total. | | 10,000 to 25,000. | | 25,000 to 100,000. | | 100,000 and over. | | Number or amount. | Per cent of aggregate. |
| | | | Number or amount. | Per cent of aggregate. | Number or amount. | Per cent of aggregate. | Number or amount. | Per cent of aggregate. | Number or amount. | Per cent of aggregate. | | |
| Number of places..... | 1919 | | 10 | ----- | 5 | ----- | 3 | ----- | 2 | ----- | | |
| | 1914 | | 10 | ----- | 5 | ----- | 2 | ----- | 3 | ----- | | |
| | 1909 | | 8 | ----- | 5 | ----- | 1 | ----- | 2 | ----- | | |
| Population ¹ | 1920 | 1,356,621 | 642,017 | 47.3 | 72,074 | 5.3 | 150,194 | 11.1 | 419,749 | 30.9 | 714,604 | 52.7 |
| | 1915 | 1,407,865 | 606,791 | 49.5 | 82,702 | 5.9 | 61,955 | 4.4 | 532,104 | 39.2 | 711,074 | 50.5 |
| | 1910 | 1,141,990 | 524,557 | 45.7 | 96,218 | 8.4 | 83,743 | 7.3 | 341,596 | 28.9 | 620,433 | 54.3 |
| Number of establishments..... | 1919 | 4,913 | 2,474 | 50.3 | 298 | 6.0 | 585 | 11.9 | 1,593 | 32.4 | 2,444 | 49.7 |
| | 1914 | 3,829 | 2,024 | 52.9 | 210 | 5.5 | 184 | 4.8 | 1,630 | 42.6 | 1,805 | 47.1 |
| | 1909 | 3,674 | 1,629 | 44.3 | 315 | 8.6 | 277 | 7.5 | 1,037 | 28.2 | 2,045 | 55.7 |
| Average number of wage earners..... | 1919 | 132,928 | 73,825 | 55.5 | 11,155 | 8.4 | 17,075 | 12.8 | 45,595 | 34.3 | 50,103 | 44.5 |
| | 1914 | 67,205 | 30,573 | 45.5 | 4,478 | 6.7 | 3,851 | 5.8 | 22,214 | 33.1 | 36,632 | 54.5 |
| | 1909 | 69,120 | 28,508 | 41.2 | 6,264 | 9.1 | 6,820 | 9.9 | 15,424 | 22.3 | 40,612 | 58.8 |
| Value of products..... | 1919 | \$609,622,984 | \$516,417,759 | 63.8 | \$58,971,070 | 7.3 | \$142,866,069 | 17.6 | \$314,580,620 | 38.9 | \$283,205,225 | 38.2 |
| | 1914 | 245,326,456 | 136,691,774 | 55.7 | 15,077,705 | 6.1 | 12,794,712 | 5.2 | 108,819,357 | 44.4 | 108,634,682 | 44.3 |
| | 1909 | 220,746,421 | 113,145,124 | 51.3 | 19,251,918 | 8.7 | 24,462,198 | 11.1 | 69,431,008 | 31.5 | 107,601,297 | 48.7 |
| Value added by manufacture..... | 1919 | 366,445,453 | 214,602,715 | 58.6 | 27,607,820 | 7.5 | 47,716,227 | 13.0 | 139,278,668 | 38.0 | 151,842,738 | 41.4 |
| | 1914 | 108,717,147 | 58,409,858 | 51.9 | 6,778,223 | 6.2 | 5,427,933 | 5.0 | 44,203,672 | 40.7 | 52,307,289 | 43.1 |
| | 1909 | 102,858,733 | 48,332,527 | 47.6 | 8,837,786 | 8.6 | 9,616,417 | 9.3 | 30,553,324 | 29.7 | 53,826,206 | 52.4 |

¹ Population of 1920, as of Jan. 1, 1920; 1915, estimated population as of July 1, 1914 (per report of census of manufactures, 1914); 1910, as of Apr. 15, 1910.

TABLE 16.—PRINCIPAL INDUSTRIES IN CITIES OF 50,000 INHABITANTS OR MORE, WITH PER CENT OF TOTAL FOR STATE: 1919.

| CITY AND INDUSTRY. | VALUE OF PRODUCTS. | | | | CITY AND INDUSTRY. | VALUE OF PRODUCTS. | | | | |
|---|--------------------|----------------------------------|---------------------|---|---|--------------------|----------------------------------|---------------------|-----------|--|
| | Amount, 1919. | Per cent of total for the state. | Increase over 1914. | | | Amount, 1919. | Per cent of total for the state. | Increase over 1914. | | |
| | | | Amount. | Per cent. | | | | Amount. | Per cent. | |
| SEATTLE. | | | | | | | | | | |
| Flour-mill and gristmill products..... | \$29,128,890 | 35.9 | \$21,528,181 | 253.2 | SPOKANE. | \$6,966,188 | 8.6 | \$5,155,953 | 284.8 | |
| Slaughtering and meat packing..... | 18,031,093 | 52.4 | 6,898,391 | 62.0 | Confectionery and ice cream..... | \$2,760,691 | 26.8 | 2,517,225 | 1,033.9 | |
| Foundry and machine-shop products ¹ | 14,261,830 | 68.0 | 11,249,886 | 373.5 | Bread and other bakery products..... | 2,542,900 | 16.9 | 653,624 | 34.6 | |
| Lumber and timber products..... | 12,737,497 | 5.8 | 7,434,435 | 140.2 | Printing and publishing, newspapers and periodicals..... | 2,408,351 | 20.1 | 1,080,027 | 82.5 | |
| Shipbuilding, wooden, including boat building..... | 11,093,450 | 43.4 | 10,633,217 | 2,310.4 | Butter..... | 2,164,385 | 16.7 | (*) | ----- | |
| Bread and other bakery products..... | 6,817,522 | 43.4 | 4,462,674 | 189.5 | Lumber, planing-mill products, not including planing mills connected with sawmills..... | 1,700,145 | 15.6 | 486,935 | 40.1 | |
| Printing and publishing, newspapers and periodicals..... | 5,646,748 | 47.2 | 2,575,475 | 83.9 | Boxes, wooden packing, except cigar boxes..... | 1,176,514 | 34.8 | (*) | ----- | |
| Confectionery and ice cream..... | 5,257,504 | 51.0 | 3,737,950 | 246.0 | Printing and publishing, book and job..... | 854,884 | 18.2 | 295,690 | 52.0 | |
| Coffee, roasting and grinding..... | 3,297,246 | 75.7 | 1,698,673 | 106.3 | Automobile repairing..... | 791,140 | 11.4 | 730,693 | 1,358.4 | |
| Iron and steel forgings, not made in steel works or rolling mills..... | 2,934,249 | 93.0 | (*) | Lumber and timber products..... | (*) | (*) | (*) | (*) | (*) | |
| Printing and publishing, book and job..... | 2,552,383 | 54.2 | 1,184,801 | 86.6 | Slaughtering and meat packing..... | (*) | (*) | (*) | (*) | |
| Butter..... | 2,356,018 | 18.4 | 1,477,234 | 162.6 | Structural ironwork, not made in steel works or rolling mills..... | (*) | (*) | (*) | (*) | |
| Lumber, planing-mill products, not including planing mills connected with sawmills..... | 2,083,733 | 19.1 | 1,203,132 | 136.6 | TACOMA. | | | | | |
| Engines, steam, gas, and water..... | 1,524,664 | 72.2 | (*) | Flour-mill and gristmill products..... | 21,089,220 | 26.0 | 14,393,989 | 215.0 | | |
| Automobile repairing..... | 1,657,386 | 24.3 | 1,660,599 | 6,203.9 | Lumber and timber products..... | 10,367,105 | 4.7 | 9,335,693 | 905.1 | |
| Copper, tin, and sheet-iron work..... | 1,392,980 | 54.7 | 719,571 | 106.9 | Lumber, planing-mill products, not including planing mills connected with sawmills..... | 4,591,675 | 42.0 | 680,422 | 17.4 | |
| Clothing, men's..... | 1,381,590 | 61.9 | (*) | Shipbuilding, wooden, including boat building..... | 4,293,954 | 16.8 | 4,243,863 | 8,472.3 | | |
| Brass, bronze, and copper products..... | 1,380,955 | 85.9 | 1,254,304 | 990.4 | Foundry and machine-shop products..... | 2,582,324 | 12.4 | 1,297,947 | 101.0 | |
| Pickles, preserves, and sauces..... | 1,111,643 | 54.5 | 922,686 | 488.3 | Bread and other bakery products..... | 2,035,708 | 13.5 | 1,201,112 | 143.9 | |
| Electrical machinery, apparatus, and supplies..... | 1,024,794 | 66.1 | (*) | Furniture..... | 1,530,527 | 55.1 | 908,727 | 146.5 | | |
| Furniture..... | 976,880 | 35.2 | 703,884 | 257.8 | Confectionery and ice cream..... | 1,299,081 | 12.6 | 910,998 | 234.7 | |
| Jewelry..... | 972,783 | 95.2 | (*) | Printing and publishing, newspapers and periodicals..... | 1,281,863 | 10.7 | 541,716 | 73.2 | | |
| Cars and general shop construction and repairs by electric-railroad companies..... | 873,253 | 55.3 | (*) | Automobile repairing..... | 755,704 | 10.9 | (*) | ----- | | |
| Awnings, tents, and sails..... | 842,308 | 71.7 | 565,755 | 204.6 | Food preparations, not elsewhere specified..... | 747,715 | 36.2 | 591,338 | 378.1 | |
| Clothing, women's..... | 836,707 | 71.4 | (*) | Cars and general shop construction and repairs by steam-railroad companies..... | (*) | (*) | (*) | (*) | | |
| Mattresses and spring beds, not elsewhere specified..... | 794,401 | 58.2 | 406,058 | 104.6 | Slaughtering and meat packing..... | (*) | (*) | (*) | (*) | |
| Boxes, wooden packing, except cigar boxes..... | 761,392 | 22.5 | (*) | Smelting and refining, copper..... | (*) | (*) | (*) | (*) | | |
| Food preparations, not elsewhere specified..... | 755,555 | 36.6 | 429,022 | 131.4 | | | | | | |
| Cars and general shop construction and repairs by steam-railroad companies..... | 742,297 | 5.0 | 28,618 | 4.0 | | | | | | |
| Canning and preserving, fish..... | 704,677 | 4.4 | 116,846 | 19.9 | | | | | | |
| Babbitt and white metal..... | | | | | | | | | | |
| Bags, other than paper, not including bags made in textile mills..... | | | | | | | | | | |
| Boots and shoes..... | | | | | | | | | | |
| Canning and preserving, fruits..... | | | | | | | | | | |
| Chemicals..... | | | | | | | | | | |
| Gas, illuminating and heating..... | | | | | | | | | | |
| Iron and steel, steel works and rolling mills..... | | | | | | | | | | |
| Liquors, malt..... | | | | | | | | | | |
| Shipbuilding, steel..... | | | | | | | | | | |
| Tinware, not elsewhere specified..... | | | | | | | | | | |

¹ Includes "iron and steel, welding."² Figures can not be shown without disclosing individual operations.

MANUFACTURES—WASHINGTON.

117

TABLE 17.—NUMBER AND HORSEPOWER OF TYPES OF PRIME MOVERS: 1919, 1914, AND 1909.

| POWER. | NUMBER OF ENGINES OR MOTORS. | | | HORSEPOWER. | | | | | |
|--|------------------------------|-------|-------|-------------|---------|---------|------------------------|-------|-------|
| | 1919 | 1914 | 1909 | Amount. | | | Per cent distribution. | | |
| | | | | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 |
| Primary power, total..... | 18,196 | 9,280 | 6,149 | 687,436 | 389,567 | 297,897 | 100.0 | 100.0 | 100.0 |
| Owned..... | 4,252 | 3,275 | 3,291 | 467,152 | 304,391 | 260,808 | 68.0 | 78.1 | 89.6 |
| Steam ¹ | 3,620 | 2,899 | 2,957 | 453,306 | 291,923 | 257,249 | 65.9 | 74.9 | 86.4 |
| Engines..... | 3,543 | (2) | (3) | 402,007 | (2) | (2) | 58.5 | ----- | ----- |
| Turbines..... | 86 | (2) | (3) | 51,299 | (2) | (2) | 7.5 | ----- | ----- |
| Internal-combustion engines..... | 536 | 260 | 178 | 6,123 | 3,162 | 1,494 | 0.9 | 0.8 | 0.6 |
| Water..... | 87 | 116 | 156 | 7,723 | 9,306 | 8,065 | 1.1 | 2.3 | 2.7 |
| Water wheels and turbines..... | 62 | 82 | 117 | 7,293 | 9,068 | 7,842 | 1.1 | 2.3 | 2.6 |
| Water motors..... | 25 | 34 | 39 | 430 | 238 | 223 | 0.1 | 0.1 | 0.1 |
| Rented..... | 13,944 | 6,005 | 2,858 | 220,284 | 85,176 | 31,089 | 32.0 | 21.9 | 10.4 |
| Electric..... | 13,944 | 6,005 | 2,858 | 215,921 | 84,933 | 30,951 | 31.4 | 21.8 | 10.4 |
| Other..... | | | | 4,363 | 223 | 138 | 0.6 | 0.1 | (1) |
| Electric..... | 16,096 | 7,344 | 3,564 | 278,155 | 112,435 | 43,615 | 100.0 | 100.0 | 100.0 |
| Rented..... | 13,944 | 6,005 | 2,858 | 215,921 | 84,933 | 30,951 | 77.6 | 75.5 | 71.0 |
| Generated by establishments reporting..... | 3,052 | 1,339 | 706 | 62,234 | 27,532 | 12,664 | 22.4 | 24.5 | 29.0 |

¹ Figures for horsepower include for 1909 the amount reported under the head of "Other" owned power.² Not reported separately.³ Less than one-tenth of 1 per cent.

TABLE 18.—FUEL CONSUMED, FOR SELECTED INDUSTRIES AND FOR CITIES: 1919.

| INDUSTRY AND CITY. | COAL. | | Coke (tons, 2,000 pounds). | Fuel oils (barrels). | Gasoline and other volatile oils (barrels). | Gas (1,000 cubic feet). |
|---|--|--|----------------------------------|-------------------------|---|-------------------------------|
| | Anthracite (tons, 2,240 pounds). | Bituminous (tons, 2,000 pounds). | | | | |
| | 1919 | 1914 | | | | |
| All industries..... | 4,502 | 642,865 | 68,205 | 1,732,750 | 36,337 | 215,511 |
| | 4,525 | 490,801 | 69,255 | 1,490,957 | (1) | 88,491 |
| Per cent of increase ² | -0.5 | 31.0 | -1.7 | 18.2 | (1) | 143.5 |
| Brick and tile, terra-cotta, and fire-clay products..... | | 54,280 | 1,370 | 1,150 | 39 | ----- |
| Canning and preserving, fruits..... | | 5,885 | ----- | 5,629 | 56 | ----- |
| Cars and general shop construction and repairs by steam-railroad companies..... | | 66,752 | 257 | 105,701 | 182 | ----- |
| Cars, steam-railroad, not including operations of railroad companies..... | 197 | 6,698 | 242 | 5,983 | 196 | ----- |
| Cement..... | | 77,634 | ----- | 26,500 | ----- | ----- |
| Coke, not including gas-house coke..... | | 54,800 | ----- | ----- | ----- | ----- |
| Explosives..... | | 166 | 110 | 48,000 | ----- | ----- |
| Flour-mill and gristmill products..... | 112 | 1,718 | 9 | 13,659 | 601 | 220 |
| Foundry and machine-shop products..... | 373 | 2,892 | 11,013 | 17,300 | 11,425 | 16,592 |
| Gas, illuminating and heating..... | | 163,504 | 2,162 | 111,132 | ----- | ----- |
| Ice, manufactured..... | | 3,873 | 350 | ----- | ----- | ----- |
| Iron and steel, steel works and rolling mills..... | | 1 | 9 | 210,232 | 25 | ----- |
| Iron and steel forgings, not made in steel works or rolling mills..... | | 201 | 3,581 | 41,272 | 60 | ----- |
| Liquors, malt..... | | 4,915 | ----- | 18,914 | ----- | ----- |
| Lumber and timber products..... | 67 | 71,425 | 12 | 348,262 | 8,734 | ----- |
| Paper and wood pulp..... | | 19,218 | ----- | 347,651 | 28 | ----- |
| Shipbuilding, steel..... | 100 | 6,804 | 10,403 | 149,424 | 2,271 | 47,274 |
| Slaughtering and meat packing..... | | 12,883 | 2,100 | 1 | 50 | ----- |
| Sugar, beet..... | | 5,208 | 157 | ----- | ----- | ----- |
| All other industries..... | 3,653 | 84,009 | 38,420 | 280,940 | 12,580 | 151,425 |
| Total for cities..... | 710 | 293,898 | 49,682 | 839,355 | 6,811 | 202,468 |
| ABERDEEN..... | 9 | 6,829 | 78 | 5,138 | 417 | 1,138 |
| BELLINGHAM..... | | 8,909 | 574 | 63,693 | 812 | 1,774 |
| EVERETT..... | | 1,150 | 2,260 | 9,575 | 459 | 3,666 |
| HOQUILAM..... | 4 | 538 | 222 | 10 | 27 | 424 |
| SEATTLE..... | 661 | 143,672 | 18,233 | 490,515 | 3,715 | 123,559 |
| SPOKANE..... | 33 | 42,802 | 778 | 5,069 | 29 | 28,310 |
| TACOMA..... | | 61,836 | 24,439 | 254,526 | 260 | 16,929 |
| VANCOUVER..... | | 6,392 | 2,267 | 6,464 | 935 | 24,180 |
| WALLA WALLA..... | | 5,558 | 396 | 141 | 137 | 530 |
| YAKIMA..... | 3 | 11,722 | 432 | 4,224 | 20 | 2,958 |

¹ Included in figures for fuel oils.² A minus sign (—) denotes decrease.

MANUFACTURES—WASHINGTON.

SPECIAL STATISTICS.

For a number of important industries the Census Bureau collects, by means of special schedules, certain details which do not appear on the general schedule. Data for seven of these industries in Washington are here presented.

Lumber and timber products (Table 19).—This table presents statistics pertaining to the chief products of the lumber industry for 1919, 1914, and 1909.

Lumbering is carried on in Washington by large, well-equipped sawmills. The average cut of the 592 sawmills reporting in 1919 was 8,380,439 feet; 143 of the mills each reported a cut of over 10,000,000 feet. A large part of the logging is done with the aid of donkey engines and other mechanical equipment.

The development of this industry has been very rapid. In 1899 the state ranked sixth, but since 1905 it has been the leading state in the production of lumber, except for the year 1914 when Louisiana reported a larger cut.

In 1919 Washington produced nearly one-seventh of the total lumber cut from all species in the United States and nearly two-thirds of the total quantity cut from Douglas fir. The total cut from this species for the state was 3,876,631,000 feet, board measure, or 78.1 per cent of the total lumber cut of the state. The cut of hemlock was 286,854,000 feet, or 5.8 per cent; spruce, 229,145,000 feet, or 4.6 per cent; western yellow pine, 217,839,000 feet, or 4.4 per cent; and cedar, 205,393,000 feet, or 4.1 per cent of the total cut for the state. Other species sawed in considerable quantities were larch, Idaho white pine, and white fir.

TABLE 19.—LUMBER, LATH, AND SHINGLES: 1919, 1914, AND 1909.

| PRODUCT. | QUANTITY. ¹ | | |
|-----------------------------|------------------------|-----------|-----------|
| | 1919 | 1914 | 1909 |
| Lumber.....M feet b. m..... | 4,961,220 | 3,946,189 | 3,862,916 |
| Lath.....thousands..... | 339,058 | (2) | 451,384 |
| Shingles.....thousands..... | 7,095,122 | (3) | 8,379,467 |

¹ The output of custom mills is included in 1919 and 1909, but not in 1914.

² Not reported.

More than three-fourths of the total cut of shingles in the United States for 1919 was reported from this state. In most states the manufacture of shingles is carried on in connection with the sawing of lumber, but in Washington more than two-thirds of the total shingle output was produced by mills engaged exclusively in the manufacture of this product.

This state also led in the production of lath in 1919, contributing 18.1 per cent of the total output for the country.

Shipbuilding, including boat building (Tables 20 and 21).—This industry includes the building of steel and wooden vessels, as well as small craft, and the repair of such vessels. Comparisons of the 1919 figures for this industry, unlike those for any other for which totals are presented, are made with that of the special census for shipbuilding, 1916.

The number and tonnage of all vessels of 5 gross tons and over launched in 1919 and 1916 are shown, by classes, in Table 20.

TABLE 20.—SHIPBUILDING, INCLUDING BOAT BUILDING—NUMBER AND TONNAGE: 1919 AND 1916.

| | 1919 | | 1916 | |
|---------------------------------------|--------------|-------------------|--------------|-------------------|
| | Num- ber. | Gross tonnage. | Num- ber. | Gross tonnage. |
| Vessels, 5 gross tons and over..... | 195 | 634,272 | 69 | 33,326 |
| Steel: | | | | |
| Steam..... | 78 | 477,538 | 5 | 19,695 |
| Motor..... | 15 | 2,450 | 1 | 412 |
| Unrigged..... | 11 | 10 | | |
| Wooden: | | | | |
| Steam..... | 36 | 115,651 | 7 | 4,224 |
| Motor..... | 38 | 4,258 | 39 | 3,384 |
| Sail..... | 9 | 22,603 | 3 | 4,988 |
| Unrigged..... | 28 | 11,762 | 14 | 623 |
| Power boats, less than 5 gross tons.. | 43 | ..... | 52 | ..... |

¹ Concrete.

The total number of vessels of 5 gross tons and over launched increased from 69 in 1916 to 195 in 1919, and the gross tonnage from 33,326 to 634,272. Over three-quarters of the total tonnage launched in 1919 were steel vessels, and with very few exceptions propelled by steam power. On an average these steel vessels exceeded 6,000 tons each as compared with an average of slightly less than 4,000 in 1916. They were nearly all of a uniform type and designed for freight service.

With the single exception of wooden-motor vessels, which show a decrease of one in number, and but a small increase in tonnage, all types of craft show large increases in number and tonnage. The large increase in tonnage in 1919 was due to the exigencies growing out of the World War, and the figures can not properly be used to measure the growth of shipbuilding under normal conditions.

Nearly all of the wooden-motor vessels were constructed for the fisheries.

The value of work done upon vessels and boats of all kinds during 1919 and 1916 is shown in Table 21.

TABLE 21.—SHIPBUILDING, INCLUDING BOAT BUILDING—VALUE: 1919 AND 1916.

| | 1919 | 1916 |
|--|---------------|--------------|
| Total value of work..... | \$166,519,787 | \$10,829,812 |
| Work done during the year on boats and vessels launched or under construction..... | 160,722,562 | 9,147,402 |
| Vessels of 5 gross tons and over..... | 160,192,869 | 9,049,726 |
| Steel..... | 135,423,901 | 6,908,483 |
| Wooden..... | 24,768,903 | 2,141,243 |
| Boats of less than 5 gross tons..... | 529,753 | 97,676 |
| Power boats of all kinds..... | 47,650 | 29,916 |
| Sailboats, rowboats, etc..... | 482,103 | 67,760 |
| Repair work..... | 5,320,346 | 1,600,617 |
| All other..... | 476,870 | 81,793 |

¹ Includes statistics for 2 establishments engaged in the construction of concrete vessels, to avoid disclosure of the operations of individual establishments.

Flour-mill and gristmill products (Table 22).—Wheat flour was the product of chief value in 1919, as in 1914, forming 75.1 per cent and 66.3 per cent, respectively, of the total value of products of the industry in the state. Feed and offal and bran and middlings, combined, were next in value, with 23.2 per cent of the total in 1919, and 26.5 per cent in 1914. The total value of wheat flour increased \$45,218,132, or 288.3 per cent, and the quantity 2,145,311 barrels, or 57 per cent, from 1914 to 1919. During this five-year period the value of feed and offal increased 214.8 per cent, and the quantity 43.9 per cent; while for bran and middlings, the value increased 182.6 per cent, and the quantity 60.4 per cent.

TABLE 22.—FLOUR-MILL AND GRISTMILL PRODUCTS (MERCHANT MILLS): 1919, 1914, AND 1909.

| | 1919 | 1914 | 1909 |
|---------------------------------------|--------------|--------------|------------------|
| Total value..... | \$81,141,020 | \$23,665,382 | \$17,852,944 |
| Wheat flour: | | | |
| Barrels..... | 5,910,381 | 3,765,070 | 2,804,242 |
| Value..... | \$60,903,485 | \$15,655,353 | \$12,484,701 |
| Rye flour: | | | |
| Barrels..... | 6,772 | 6,343 | 5,500 |
| Value..... | \$67,977 | \$34,887 | \$27,500 |
| Corn meal and corn flour: | | | |
| Barrels..... | 6,433 | 620 | 6,240 |
| Value..... | \$55,297 | \$3,453 | \$23,669 |
| Bran and middlings: | | | |
| Tons..... | 194,970 | 121,537 | |
| Value..... | \$7,561,139 | \$2,675,237 | 189,420 |
| Feed and offal: | | | |
| Tons..... | 173,033 | 120,260 | \$4,788,673 |
| Value..... | \$11,295,474 | \$3,588,665 | |
| Breakfast foods: | | | |
| Pounds..... | 13,081,512 | 8,413,648 | (¹) |
| Value..... | \$786,931 | \$251,117 | (¹) |
| All other cereal products, value..... | \$268,769 | \$182,195 | \$451,292 |
| All other products, value..... | \$201,948 | \$1,244,475 | \$77,109 |

¹ Not reported separately.

Slaughtering and meat packing (Table 23).—This table presents for the census years 1919, 1914, and 1909 the kind, number, and cost of all animals slaughtered, except goats and kids, and the cost of all other materials, which includes that for goats and kids, dressed meat purchased for curing and for making lard compounds, cottonseed oil, refrigeration, curing materials, seasoning, containers, fuel, rent of power, mill supplies, and freight. The quantities and

values are presented separately for the principal products that can be shown without disclosing the operations of individual establishments. The value of the products that can not be shown separately, and that for minor and specified auxiliary products are grouped under "All other products," and include beef, pickled and other cured, canned pork, canned sausage, meat puddings, scrapple, etc., oleo and other oils, hoofs, horns, etc., goat and kid skins, hog and cattle hair, wool, ice, and poultry food, to the amount of \$815,754.

TABLE 23.—SLAUGHTERING AND MEAT PACKING: 1919, 1914, AND 1909.

| | 1919 | 1914 | 1909 |
|---------------------------------------|--------------|------------------|------------------|
| MATERIALS. | | | |
| Total cost..... | \$29,124,452 | \$15,900,774 | \$13,759,952 |
| Animals slaughtered, cost..... | \$26,645,804 | \$13,208,769 | \$11,543,546 |
| Beeves— | | | |
| Number..... | 132,213 | 85,774 | 117,522 |
| Cost..... | \$12,672,900 | \$5,770,209 | \$5,851,681 |
| Calves— | | | |
| Number..... | 16,718 | 3,571 | 14,218 |
| Cost..... | \$350,564 | \$51,031 | \$190,188 |
| Sheep and lambs— | | | |
| Number..... | 237,440 | 362,854 | 290,383 |
| Cost..... | \$2,488,850 | \$1,579,239 | \$1,394,189 |
| Hogs— | | | |
| Number..... | 301,429 | 373,321 | 239,352 |
| Cost..... | \$11,133,490 | \$5,508,290 | \$4,107,508 |
| All other materials, cost..... | \$2,478,648 | \$2,692,005 | \$2,216,436 |
| PRODUCTS. | | | |
| Total value..... | \$34,388,584 | \$18,443,526 | \$15,653,998 |
| Fresh meat, value..... | \$17,616,323 | \$10,349,059 | \$9,669,627 |
| Beef— | | | |
| Pounds..... | 64,975,261 | 48,921,674 | 69,288,604 |
| Value..... | \$10,784,982 | \$5,266,910 | \$6,035,883 |
| Veal— | | | |
| Pounds..... | 2,062,623 | 490,047 | 1,949,493 |
| Value..... | \$383,599 | \$52,871 | \$219,574 |
| Mutton and lamb— | | | |
| Pounds..... | 9,427,326 | 15,187,952 | 13,393,776 |
| Value..... | \$1,828,684 | \$1,887,127 | \$1,361,955 |
| Pork— | | | |
| Pounds..... | 15,559,312 | 27,016,711 | 16,774,450 |
| Value..... | \$4,000,012 | \$2,744,224 | \$1,876,529 |
| Edible offal and other fresh meat— | | | |
| Pounds..... | 3,689,620 | 4,882,441 | 2,060,561 |
| Value..... | \$618,146 | \$367,927 | \$175,686 |
| Pork, pickled and other cured: | | | |
| Pounds..... | 21,311,428 | 22,352,555 | 17,116,659 |
| Value..... | \$6,544,903 | \$3,064,477 | \$2,456,533 |
| Sausage: | | | |
| Pounds..... | 5,778,222 | 4,985,382 | 3,453,182 |
| Value..... | \$1,052,894 | \$540,669 | \$300,188 |
| Lard: | | | |
| Pounds..... | 7,579,586 | 22,914,041 | 9,050,739 |
| Value..... | \$2,198,685 | \$1,702,903 | \$1,069,033 |
| Lard compounds: | | | |
| Pounds..... | 7,649,806 | 11,126,466 | (¹) |
| Value..... | \$1,929,338 | \$540,750 | (¹) |
| Tallow, oleo stock, and stearin: | | | |
| Pounds..... | 24,488,372 | 4,080,450 | 2,939,617 |
| Value..... | \$619,307 | \$201,140 | \$168,144 |
| Casings: | | | |
| Pounds..... | 662,861 | (¹) | (¹) |
| Value..... | \$90,059 | (¹) | (¹) |
| Fertilizers and fertilizer materials: | | | |
| Tons..... | 8,408 | 2,557 | 2,045 |
| Value..... | \$234,611 | \$81,345 | \$55,319 |
| Hides and pelts: | | | |
| Cattle— | | | |
| Number..... | 132,213 | 85,774 | |
| Pounds..... | 7,918,166 | 5,398,177 | |
| Value..... | \$2,333,834 | \$902,678 | |
| Calves— | | | |
| Number..... | 13,782 | 2,700 | |
| Pounds..... | 251,128 | 37,146 | |
| Value..... | \$112,046 | \$6,476 | |
| Sheep— | | | |
| Number..... | 234,564 | 362,854 | 290,298 |
| Value..... | \$578,270 | \$334,931 | \$326,207 |
| All other products, value..... | \$1,079,114 | \$720,098 | \$675,103 |

¹ Not reported separately.

² No oleo stock reported.

³ Included in "All other products" to avoid disclosure of individual operations.

MANUFACTURES—WASHINGTON.

The total cost of materials increased \$13,223,678, or 83.2 per cent, and the total value of products \$15,945,058, or 86.5 per cent, from 1914 to 1919. These increases are due to the increase per unit of cost and value in 1919 as compared with 1914, since the total number of animals slaughtered, which is representative of the actual growth of the industry, decreased 138,720, or 16.8 per cent, in the last census period; the increase for the decade was only 25,325, or 3.8 per cent.

In value of products the industry ranked fourth in the manufacturing industries of the state.

The operations of the industry are largely centered in Seattle, the total value of products for the industry in this city in 1919 being \$18,031,098, or 52.4 per cent of the entire slaughtering and meat-packing operations in the state.

Butter, cheese, and condensed milk (Table 24).—This table presents the quantity and value of the principal products of the industry in the state for 1919, 1914, and 1909. In 1919 the value of condensed milk formed 49.1 per cent of the total for the industry and butter 35.9 per cent. The value of condensed milk could not be shown separately for 1914, without the possibility of the disclosure of individual operations, but the proportionate value of butter was greater than in 1919, forming 43.3 per cent. During the five-year period 1914–1919 the value of all products for the industry increased \$21,319,990, or 180.6 per cent; the value of butter increased \$6,788,764, or 132.9 per cent, while the quantity increased 3,424,638 pounds, or 20.4 per cent.

TABLE 24.—BUTTER, CHEESE, AND CONDENSED MILK: 1919, 1914, AND 1909.

| | 1919 | 1914 | 1909 |
|---|--------------|--------------|-------------|
| Total value..... | \$33,127,887 | \$11,807,897 | \$7,271,047 |
| Butter: | | | |
| Pounds..... | 20,237,682 | 16,813,044 | 11,302,591 |
| Value..... | \$11,896,567 | \$5,107,803 | \$3,692,931 |
| Packed solid— | | | |
| Pounds..... | 6,537,278 | 5,407,664 | 1,413,303 |
| Value..... | \$3,788,104 | \$1,550,648 | \$434,227 |
| Prints or rolls— | | | |
| Pounds..... | 13,700,404 | 11,405,380 | 9,884,283 |
| Value..... | \$8,108,463 | \$3,557,155 | \$3,258,704 |
| Cream sold: | | | |
| Pounds..... | 1,294,885 | 2,740,350 | 3,009,180 |
| Value..... | \$499,076 | \$407,957 | \$341,981 |
| Cheese: | | | |
| Pounds..... | 2,291,428 | 1,355,423 | 422,290 |
| Value..... | \$697,819 | \$214,710 | \$65,597 |
| Condensed and evaporated milk: | | | |
| Pounds..... | 165,398,981 | (1) | 53,614,242 |
| Value..... | \$18,418,644 | (1) | \$2,976,326 |
| All other butter, cheese, and condensed-milk factory products, value..... | \$1,231,748 | \$5,926,480 | \$47,960 |
| All other products, value..... | \$384,033 | \$150,917 | \$146,252 |

¹ Included in "All other butter, cheese, and condensed-milk factory products," to avoid the disclosure of individual operations.

Canning and preserving (Table 25).—This table shows in detail the quantity and value of the different products of the combined industry for the census years 1919, 1914, and 1909.

TABLE 25.—CANNING AND PRESERVING: 1919, 1914, AND 1909.

| | 1919 | 1914 | 1909 |
|--|--------------|-------------|-------------|
| Total value..... | \$27,515,650 | \$9,449,549 | \$9,595,887 |
| Canning and preserving, fruits and vegetables: | | | |
| Canning and preserving, fish and oysters..... | 9,295,891 | 1,120,149 | 482,985 |
| Pickles, preserves, and sauces..... | 16,178,381 | 7,877,288 | 8,856,685 |
| | 2,041,378 | 452,112 | 255,886 |
| Canned vegetables: | | | |
| Cases..... | 54,152 | 47,072 | 30,685 |
| Value..... | \$174,235 | \$78,677 | \$45,594 |
| Canned fruits: | | | |
| Cases..... | 1,172,144 | 324,723 | 78,935 |
| Value..... | \$6,611,206 | \$757,175 | \$154,372 |
| Berries— | | | |
| Cases..... | 432,249 | 218,922 | 38,649 |
| Value..... | \$3,224,980 | \$537,866 | \$72,532 |
| Blackberries— | | | |
| Cases..... | 242,157 | (2) | (1) |
| Value..... | \$1,533,625 | (2) | (1) |
| Raspberries— | | | |
| Cases..... | 101,791 | (2) | (1) |
| Value..... | \$901,188 | (2) | (1) |
| Loganberries— | | | |
| Cases..... | 63,950 | (2) | (1) |
| Value..... | \$572,333 | (2) | (1) |
| Strawberries— | | | |
| Cases..... | 24,351 | (2) | (1) |
| Value..... | \$217,834 | (2) | (1) |
| Apples— | | | |
| Cases..... | 308,072 | 33,745 | 22,533 |
| Value..... | \$1,043,548 | \$54,912 | \$42,319 |
| Pears— | | | |
| Cases..... | 175,105 | 25,850 | 11,549 |
| Value..... | \$1,038,630 | \$71,696 | \$36,068 |
| Cherries— | | | |
| Cases..... | 146,749 | (2) | (1) |
| Value..... | \$827,750 | (2) | (1) |
| Prunes— | | | |
| Cases..... | 50,365 | (2) | (1) |
| Value..... | \$220,903 | (2) | (1) |
| Peaches— | | | |
| Cases..... | 28,352 | (2) | (1) |
| Value..... | \$127,887 | (2) | (1) |
| All other— | | | |
| Cases..... | 83,252 | 46,206 | 8,306 |
| Value..... | \$127,858 | \$92,701 | \$13,183 |
| Dried fruits: | | | |
| Pounds..... | 4,621,485 | 1,766,313 | 5,445,017 |
| Value..... | \$520,856 | \$115,338 | \$258,909 |
| Apples— | | | |
| Pounds..... | 4,044,090 | (2) | (1) |
| Value..... | \$466,214 | (2) | (1) |
| All other— | | | |
| Pounds..... | 577,395 | 1,766,313 | 5,445,017 |
| Value..... | \$54,642 | \$115,338 | \$258,909 |
| Canned fish, clams, etc.: | | | |
| Cases..... | 1,736,205 | 1,152,325 | (1) |
| Value..... | \$13,891,863 | \$6,406,955 | \$7,000,370 |
| Salmon— | | | |
| Cases..... | 1,661,490 | 1,096,386 | (1) |
| Value..... | \$13,506,140 | \$6,156,518 | \$7,354,559 |
| Clams— | | | |
| Cases..... | 70,964 | 53,000 | (1) |
| Value..... | \$359,192 | \$239,716 | \$178,596 |
| All other— | | | |
| Cases..... | 3,751 | 2,959 | (1) |
| Value..... | \$26,524 | \$10,721 | \$157,205 |
| Smoked fish: | | | |
| Pounds..... | 1,840,034 | 1,619,831 | 4,173,700 |
| Value..... | \$315,354 | \$167,039 | \$415,204 |
| Salmon— | | | |
| Pounds..... | 1,471,093 | 1,231,193 | 3,827,000 |
| Value..... | \$282,112 | \$123,217 | \$389,620 |
| Halibut— | | | |
| Pounds..... | (1) | 129,143 | 191,600 |
| Value..... | (1) | \$12,421 | \$18,692 |
| All other— | | | |
| Pounds..... | 368,941 | 259,495 | 155,100 |
| Value..... | \$33,242 | \$31,401 | \$6,892 |
| Salted fish: | | | |
| Pounds..... | 7,050,298 | 8,337,998 | 9,763,799 |
| Value..... | \$658,532 | \$456,530 | \$519,143 |
| Cod— | | | |
| Pounds..... | 5,297,113 | 5,790,747 | 4,910,329 |
| Value..... | \$500,882 | \$247,230 | \$201,118 |
| Herring— | | | |
| Pounds..... | 1,169,135 | 61,997 | 94,500 |
| Value..... | \$85,446 | \$2,603 | \$3,305 |
| All other— | | | |
| Pounds..... | 584,050 | 2,485,254 | 4,756,970 |
| Value..... | \$72,225 | \$206,697 | \$314,720 |
| All other products, including pickles, preserves, and sauces, value..... | \$5,343,602 | \$1,487,835 | \$491,775 |

¹ In addition, canned fruits and vegetables, dried fruits, and pickles, preserves, and sauces, to the value of \$229,716 were reported by establishments in other industries in 1919; and to the value of \$16,300 in 1914.

² Not reported separately.

³ Reported in pounds in 1909.

⁴ Included in "All other smoked fish" to avoid disclosure of individual operations.

From 1914 to 1919 the total value of all products increased \$18,066,101, or 191.2 per cent. Of this increase, \$8,175,742, or 45.3 per cent, was for canned fruits and vegetables; \$8,301,093, or 45.9 per cent, for canned fish and oysters; and \$1,589,266, or 8.8 per cent, for pickles, preserves, and sauces. The canning of fish, clams, oysters, etc., continued to be the most important branch of the industry in Washington, the value of these products canned in 1919 constituting 58.8 per cent of the total value of all products in that year. This proportion, however, is considerably less than that shown for 1914, 83.4 per cent, due to the very large increase in 1919 over 1914 in canned fruits and vegetables, the proportion for which products increased from 11.9 per cent in 1914 to 33.8 per cent in 1919.

Printing and publishing (Table 26).—This table gives the number and aggregate circulation per issue for all newspapers and periodicals published in the state of Washington as reported at the censuses of 1919, 1914, and 1909.

TABLE 26.—PRINTING AND PUBLISHING: 1919, 1914, AND 1909.

| PERIOD OF ISSUE. | NUMBER OF PUBLICATIONS. | | | AGGREGATE CIRCULATION PER ISSUE. | | |
|--------------------------------------|-------------------------|------|-------|----------------------------------|-----------|-----------|
| | 1919 | 1914 | 1909 | 1919 | 1914 | 1909 |
| Total..... | 363 | 438 | 369 | 1,267,768 | 1,376,495 | 1,068,554 |
| Daily..... | 42 | 43 | 41 | 518,628 | 456,489 | 317,158 |
| Sunday..... | 13 | 12 | 13 | 283,724 | 276,212 | 243,663 |
| Semiweekly ¹ | 10 | 11 | 10 | 32,940 | 46,038 | 59,937 |
| Weekly..... | 255 | 307 | 268 | 313,718 | 276,979 | 252,396 |
| Monthly ² | 40 | 59 | 37 | 112,433 | 317,452 | 195,400 |
| All other classes ³ | 3 | 6 | ..... | 1,325 | 3,325 | ..... |

¹ Includes in 1919 and 1914, 2 triweeklies.

² Includes in 1919, 3, and in 1914, 6 semimonthlies; and in 1909, 4 semimonthlies and 1 classed as "All other."

³ Includes in 1919, 2 bimonthlies and 1 quarterly; and in 1914, 4 quarterlies and 2 semiannals.

There was a slight decrease in total circulation during the five-year period from 1914 to 1919, due to the discontinuance of a number of monthly publications devoted to agricultural interests, reform, and trade.

The daily newspaper circulation increased by 62,139, or 13.6 per cent, during the five-year period, and 201,470, or 63.5 per cent, during the decade. Of this daily circulation in 1919, 376,696, or 72.6 per cent,

were reported for newspapers published in the afternoon. The increase in the afternoon circulation during the five-year period was 66,458, or 21.4 per cent, and 170,596, or 83.1 per cent, during the decade.

The Sunday newspaper circulation increased 12,512, or 4.5 per cent, during the five years, and 45,061, or 18.5 per cent, during the decade.

Notwithstanding a considerable decrease in number, the aggregate circulation of the weekly newspapers and periodicals increased 36,739, or 13.3 per cent, from 1914 to 1919, and 61,322, or 24.3 per cent, for the ten-year period.

Seventeen foreign-language publications, with a circulation of 33,022, were reported for 1919. This is a considerable reduction from the total of 31 in 1914 and a circulation of 54,660. In 1919, as in 1914, the largest class was the weekly newspaper, with a total of 12 and a circulation of 21,850. Of these weeklies, 4 were Swedish, 2 German, 2 Norwegian, 2 Italian, and 1 each English and Norwegian and English and Yiddish. The other foreign-language publications, 5 in number, were Japanese—3 afternoon newspapers with a circulation of 10,222, and 2 monthly publications.

Laundries (Table 27).—Statistics for power laundries are not included in the general tables nor in the totals for manufacturing industries. Table 27, however, summarizes the statistics for such laundries in the state for 1919 and 1914.

TABLE 27.—POWER LAUNDRIES: 1919 AND 1914.

| | NUMBER OR AMOUNT. | | Per cent of increase, ¹ 1914-1919. |
|------------------------------------|-------------------|-------------|--|
| | 1919 | 1914 | |
| Number of establishments..... | 177 | 192 | -7.8 |
| Persons engaged..... | 4,032 | 3,744 | 7.7 |
| Proprietors and firm members..... | 180 | 205 | -12.2 |
| Salaried employees..... | 313 | 241 | 29.9 |
| Wage earners (average number)..... | 3,539 | 3,298 | 7.3 |
| Primary horsepower..... | 4,932 | 4,022 | 22.6 |
| Capital..... | \$3,595,777 | \$2,838,858 | 26.7 |
| Salaries and wages..... | 3,903,312 | 2,160,303 | 80.7 |
| Salaries..... | 515,812 | 265,045 | 94.6 |
| Wages..... | 3,387,500 | 1,895,258 | 78.7 |
| Paid for contract work..... | 10,728 | 7,160 | 49.8 |
| Rent and taxes..... | 252,571 | 131,329 | 92.3 |
| Cost of materials..... | 1,359,049 | 655,300 | 107.4 |
| Amount received for work done..... | 7,336,715 | 4,251,620 | 72.6 |

¹ A minus sign (-) denotes decrease.

MANUFACTURES—WASHINGTON.

Dyeing and cleaning (Table 28).—Statistics for dyeing and cleaning establishments that were operated by mechanical power in 1919 are presented in this table. Statistics for such establishments are not included in the general tables nor in the totals for manufacturing industries for censuses since 1900. This presentation is the first of its kind that has been made since the census statistics were confined to manufacturing industries as distinguished from the hand trades, household industries, etc.

TABLE 28.—DYEING AND CLEANING: 1919.

| | Number or amount. |
|------------------------------------|-------------------|
| Number of establishments..... | 46 |
| Persons engaged..... | 549 |
| Proprietors and firm members..... | 54 |
| Salaried employees..... | 58 |
| Wage earners (average number)..... | 427 |
| Primary horsepower..... | 395 |
| Capital..... | \$445,964 |
| Salaries and wages..... | 587,833 |
| Salaries..... | 107,150 |
| Wages..... | 480,233 |
| Paid for contract work..... | 8,273 |
| Rent and taxes..... | 37,633 |
| Cost of materials..... | 210,689 |
| Amount received for work done..... | 1,127,528 |

Custom gristmills (Table 29).—Statistics for custom gristmills are not included in the general tables nor in the totals for manufacturing industries. Data for custom gristmills were not collected in 1914. Table 29, however, summarizes the statistics for such mills for 1919 and 1909. The value of products for custom gristmills represents the selling value of the grain milled.

TABLE 29.—CUSTOM GRISTMILLS: 1919 AND 1909.

| | NUMBER OR AMOUNT. | | Per cent of increase, 1909- 1919. |
|--------------------------------------|-------------------|----------|---|
| | 1919 | 1909 | |
| Number of establishments..... | 35 | 21 | ..... |
| Persons engaged..... | 43 | 35 | ..... |
| Proprietors and firm members..... | 37 | 26 | ..... |
| Wage earners (average number)..... | 6 | 9 | ..... |
| Primary horsepower..... | 579 | 410 | 41.2 |
| Capital..... | \$120,256 | \$52,458 | 120.2 |
| Wages..... | 7,287 | 4,855 | 50.1 |
| Rent and taxes..... | 2,258 | 1,040 | 117.1 |
| Cost of materials ¹ | 888,214 | 237,127 | 274.6 |
| Value of products ² | 954,732 | 266,590 | 258.1 |

¹ Percentages are omitted where base is less than 100.

² Includes estimate of all grain ground.

GENERAL TABLES.

Table 30 gives, for 1919, 1914, and 1909, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products, for selected industries in the state and in the cities of Seattle, Spokane, and Tacoma, and for cities having from 10,000 to 50,000 inhabitants, similar data for all industries combined.

Table 31 presents, for 1919, for the state as a whole and for Seattle, Spokane, and Tacoma, statistics in detail for each industry for which figures can be shown without disclosing the operations of individual establishments, and the statistics for all industries combined for each of the cities in the state having from 10,000 to 50,000 inhabitants.

MANUFACTURES—WASHINGTON.

123

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909.

¹ Includes "canning and preserving, fish"; "canning and preserving, fruits and vegetables"; "canning and preserving, oysters"; and "pickles, preserves, and sauces."

² Includes "tinware, not elsewhere specified."

⁴ Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "iron and steel, welding, machine tools, plumbers supplies, etc., not otherwise specified"; "pumps, steam", "steam fittings and steam and hot-water heating apparatus"; and "structural ironwork, not made in steel works or rolling mills."

• Includes "boxes, wooden packing, except cigar boxes"; "lum

"bookbinding and blank book making" and "lithographing" in all years, and "engraving steel and copper plate, including plate printing" in 1919.

⁶ Includes "bookbinding and blank-book making" and "lithographing" in all years, and "engraving, steel and copper plate, including plate printing" in 1911.

MANUFACTURES—WASHINGTON.

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

| INDUSTRY AND CITY. | Cen- | Num- | Wage | Pri- | Cost | Value | | INDUSTRY AND CITY. | Cen- | Num- | Wage | Pri- | Cost | Value | |
|---|--------|-------|--------|--------|----------|-----------|-----------|--|--------|------|--------|--------|--------|--------|---------|
| | | | | | | | | | | | | | | | |
| year. | estab- | num- | ers | aver- | ma- | duc- | | year. | estab- | num- | ers | aver- | ma- | duc- | |
| CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES. | | | | | | | | | | | | | | | |
| SEATTLE..... | 1919 | 1,229 | 40,843 | 90,073 | \$63,395 | \$149,650 | \$274,431 | SEATTLE—Continued. | 1919 | 10 | 30 | 49 | \$45 | \$174 | \$341 |
| All industries. | 1914 | 1,014 | 12,429 | 44,001 | 9,935 | 37,770 | 64,475 | Mineral and carbonated waters. | 1914 | 12 | 32 | 50 | 35 | 79 | 167 |
| | 1909 | 753 | 11,523 | 38,267 | 8,589 | 28,783 | 50,814 | | 1909 | 10 | 34 | 83 | 42 | 62 | 191 |
| Automobile bodies and parts. | 1919 | 21 | 159 | 170 | 241 | 244 | 643 | Models and patterns, not including paper patterns. | 1919 | 7 | 24 | 64 | 57 | 20 | 107 |
| | 1914 | 6 | 41 | 26 | 44 | 44 | 127 | | 1914 | 7 | 16 | 52 | 11 | 6 | 35 |
| Awnings, tents, and sails.... | 1919 | 7 | 77 | 44 | 123 | 572 | 842 | Printing and publishing ⁴ | 1919 | 193 | 1,053 | 1,651 | 1,778 | 2,361 | 8,669 |
| | 1914 | 8 | 47 | 19 | 36 | 171 | 277 | | 1914 | 214 | 1,057 | 1,264 | 952 | 1,148 | 4,613 |
| | 1909 | 9 | 72 | 27 | 58 | 278 | 428 | | 1909 | 133 | 1,042 | 791 | 904 | 1,042 | 4,009 |
| Boxes, paper and other, not elsewhere specified. | 1919 | 7 | 191 | 106 | 149 | 205 | 542 | Shipbuilding, wooden, including boat building. | 1919 | 28 | 2,430 | 5,997 | 2,985 | 4,211 | 11,093 |
| | 1914 | 5 | 88 | 43 | 39 | 60 | 150 | | 1914 | 26 | 198 | 355 | 147 | 208 | 460 |
| Brass, bronze, and copper products. | 1919 | 12 | 133 | 245 | 248 | 834 | 1,381 | Slaughtering and meat packing. | 1919 | 4 | 503 | 1,438 | 678 | 15,529 | 18,031 |
| | 1914 | 5 | 35 | 81 | 33 | 52 | 127 | | 1914 | 3 | 452 | 900 | 379 | 9,706 | 11,133 |
| Bread and other bakery products. | 1919 | 117 | 788 | 690 | 1,024 | 4,276 | 6,818 | Tobacco, cigars..... | 1919 | 8 | 61 | 1 | 73 | 72 | 258 |
| | 1914 | 132 | 534 | 653 | 416 | 1,253 | 2,355 | | 1914 | 24 | 56 | 56 | 45 | 52 | 145 |
| | 1909 | 78 | 295 | 143 | 260 | 593 | 1,650 | | 1909 | 24 | 65 | 65 | 45 | 46 | 140 |
| Brick and terra-cotta products. | 1919 | 7 | 151 | 900 | 220 | 86 | 423 | All other industries..... | 1919 | 371 | 26,776 | 40,504 | 43,291 | 69,200 | 145,319 |
| | 1914 | 5 | 79 | 430 | 69 | 42 | 176 | | 1914 | 263 | 4,519 | 13,805 | 3,563 | 9,538 | 20,410 |
| | 1909 | 5 | 137 | 452 | 100 | 37 | 259 | | 1909 | 282 | 4,326 | 9,653 | 3,137 | 8,378 | 16,831 |
| Butter..... | 1919 | 10 | 73 | 342 | 103 | 2,067 | 2,326 | SPOKANE..... | 1919 | 364 | 4,752 | 13,246 | 5,419 | 25,652 | 40,149 |
| | 1914 | 4 | 46 | 250 | 32 | 751 | 909 | All industries. | 1914 | 277 | 3,020 | 10,362 | 2,485 | 9,454 | 18,636 |
| | 1909 | 6 | 22 | 55 | 19 | 439 | 514 | | 1909 | 284 | 3,091 | 9,130 | 3,036 | 10,089 | 18,617 |
| Canning and preserving ¹ | 1919 | 14 | 138 | 211 | 150 | 1,316 | 1,816 | Bread and other bakery products. | 1919 | 26 | 331 | 304 | 357 | 1,508 | 2,543 |
| | 1914 | 10 | 210 | 1,123 | 169 | 424 | 777 | | 1914 | 22 | 414 | 301 | 256 | 1,052 | 1,889 |
| | 1909 | 7 | 59 | 233 | 44 | 234 | 394 | | 1909 | 33 | 260 | 84 | 170 | 686 | 1,211 |
| Cars and general shop construction and repairs by steam-railroad companies. | 1919 | 3 | 300 | 376 | 395 | 277 | 742 | Confectionery and ice cream. | 1919 | 14 | 497 | 871 | 274 | 1,568 | 2,761 |
| | 1914 | 5 | 437 | 207 | 367 | 303 | 714 | | 1914 | 13 | 66 | 55 | 45 | 135 | 248 |
| Coffee, roasting and grinding. | 1919 | 14 | 161 | 242 | 173 | 2,420 | 3,297 | Copper, tin, and sheet-iron work. | 1919 | 15 | 73 | 58 | 115 | 193 | 456 |
| | 1914 | 12 | 140 | 163 | 87 | 1,097 | 1,599 | | 1914 | 16 | 64 | 46 | 66 | 125 | 266 |
| | 1909 | 7 | 90 | 154 | 54 | 548 | 1,019 | | 1909 | 13 | 111 | 50 | 120 | 195 | 408 |
| Confectionery and ice cream. | 1919 | 52 | 745 | 564 | 731 | 2,775 | 5,258 | Flour-mill and gristmill products. | 1919 | 6 | 110 | 1,646 | 164 | 6,485 | 6,966 |
| | 1914 | 41 | 381 | 301 | 203 | 850 | 1,520 | | 1914 | 3 | 62 | 963 | 55 | 1,446 | 1,810 |
| | 1909 | 7 | 155 | 2,365 | 111 | 3,872 | 4,430 | | 1909 | 4 | 61 | 680 | 47 | 1,454 | 1,882 |
| Food preparations, not elsewhere specified. | 1919 | 17 | 60 | 214 | 56 | 476 | 756 | Food preparations, not elsewhere specified. | 1919 | 9 | 9 | 65 | 8 | 180 | 237 |
| | 1914 | 15 | 52 | 91 | 32 | 219 | 327 | | 1914 | 4 | 14 | 49 | 8 | 16 | 46 |
| | 1909 | 11 | 65 | 48 | 39 | 220 | 442 | Foundry and machine-shop products. ⁴ | 1919 | 75 | 658 | 979 | 867 | 1,230 | 2,768 |
| Foundry and machine-shop products. ⁴ | 1919 | 203 | 3,195 | 11,117 | 5,171 | 7,214 | 18,148 | | 1914 | 23 | 221 | 565 | 202 | 317 | 730 |
| | 1914 | 82 | 1,004 | 3,125 | 830 | 1,367 | 3,262 | | 1909 | 14 | 288 | 531 | 213 | 415 | 871 |
| | 1909 | 71 | 1,230 | 2,787 | 1,023 | 2,042 | 4,290 | Furniture..... | 1919 | 13 | 38 | 113 | 41 | 70 | 168 |
| Fur goods..... | 1919 | 13 | 77 | 15 | 99 | 155 | 372 | | 1914 | 6 | 18 | 46 | 14 | 22 | 47 |
| | 1914 | 8 | 32 | 8 | 20 | 33 | 91 | | 1909 | 4 | 16 | 35 | 12 | 12 | 37 |
| | 1909 | 7 | 37 | 4 | 32 | 75 | 150 | Lumber planing-mill products, not including planing mills connected with sawmills. | 1919 | 10 | 340 | 1,198 | 345 | 1,151 | 1,700 |
| Furniture..... | 1919 | 27 | 214 | 593 | 298 | 880 | 977 | | 1914 | 11 | 359 | 1,568 | 281 | 690 | 1,213 |
| | 1914 | 24 | 100 | 227 | 75 | 98 | 273 | | 1909 | 13 | 634 | 1,613 | 446 | 937 | 1,835 |
| | 1909 | 17 | 168 | 239 | 139 | 140 | 405 | Mineral and carbonated waters. | 1919 | 6 | 16 | 22 | 17 | 90 | 159 |
| Ice, manufactured..... | 1919 | 6 | 71 | 1,617 | 99 | 60 | 253 | | 1914 | 4 | 7 | 54 | 8 | 23 | 53 |
| | 1914 | 4 | 49 | 1,155 | 43 | 37 | 209 | | 1909 | 3 | 8 | 10 | 8 | 25 | 60 |
| | 1909 | 5 | 61 | 721 | 53 | 68 | 225 | Pickles and sauces..... | 1919 | 3 | 13 | 15 | 12 | 43 | 63 |
| Knit goods..... | 1919 | 5 | 67 | 15 | 55 | 136 | 297 | | 1914 | 3 | 9 | 11 | 5 | 48 | 82 |
| | 1914 | 6 | 41 | 15 | 22 | 54 | 130 | Printing and publishing ⁴ | 1919 | 54 | 376 | 608 | 553 | 762 | 3,364 |
| Lumber and timber products. ³ | 1919 | 52 | 2,669 | 17,629 | 4,259 | 8,284 | 15,583 | | 1914 | 56 | 338 | 400 | 329 | 596 | 1,942 |
| | 1914 | 55 | 2,337 | 18,917 | 1,593 | 8,705 | 10,420 | | 1909 | 46 | 365 | 287 | 376 | 477 | 2,120 |
| | 1909 | 65 | 3,268 | 19,971 | 2,242 | 3,918 | 8,148 | Tobacco, cigars..... | 1919 | 10 | 29 | ----- | 21 | 29 | 65 |
| Marble and stone work, monuments and tombstones. | 1919 | 5 | 30 | 123 | 43 | 27 | 156 | | 1914 | 14 | 30 | ----- | 23 | 28 | 68 |
| | 1914 | 4 | 27 | 26 | 28 | 35 | 80 | | 1909 | 16 | 46 | ----- | 38 | 39 | 108 |
| | 1909 | 5 | 54 | 38 | 47 | 81 | 218 | All other industries..... | 1919 | 123 | 2,262 | 7,867 | 2,645 | 12,333 | 18,899 |
| Mattresses and spring beds, not elsewhere specified. | 1919 | 5 | 108 | 230 | 138 | 372 | 794 | | 1914 | 102 | 1,418 | 6,304 | 1,173 | 4,950 | 8,247 |
| | 1914 | 4 | 110 | 290 | 87 | 206 | 388 | | 1909 | 139 | 2,112 | 5,740 | 1,606 | 5,249 | 10,135 |

¹ Includes "canning and preserving, fish," and "pickles, preserves, and sausages."² Includes "automobile repairing"; "engines, steam, gas, and water"; "hardware"; "iron and steel, welding"; "machine tools"; "pumps, steam"; "steam fittings and steam and hot-water heating apparatus"; and "structural ironwork, not made in steel works or rolling mills," in all years; and "plumbers' supplies, not elsewhere specified," in 1919 and 1914.³ Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills," in all years; and "window and door screens" in 1914 and 1909.⁴ Includes "bookbinding and blank-book making"; "engraving, steel and copper plate, including plate printing"; and "lithographing."⁵ Includes "automobile repairing"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills" in all years; and "engines, steam, gas, and water" in 1919.

MANUFACTURES—WASHINGTON.

125

TABLE 30.—COMPARATIVE SUMMARY FOR SELECTED INDUSTRIES AND FOR CITIES: 1919, 1914, AND 1909—Continued.

| INDUSTRY AND CITY. | Cen- | Num- | Wage- | Pri- | Cost | Value | INDUSTRY AND CITY. | Cen- | Num- | Wage- | Pri- | Cost | Value | | | | |
|---|-------|--------|--------|--------|----------|----------|--------------------|--|--------|-------|-------|--------|-------|--------|---------|-------------------------|----------|
| | | | | | | | | | | | | | | | | | |
| | year. | estab- | ers | aver- | horse- | mat- | prod- | | estab- | ers | aver- | horse- | mat- | prod- | | thousan- | thousan- |
| Expressed in thousands. | | | | | | | | | | | | | | | | Expressed in thousands. | |
| CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued. | | | | | | | | | | | | | | | | | |
| TACOMA..... | 1919 | 348 | 10,714 | 50,557 | \$14,510 | \$73,273 | \$103,172 | TACOMA—Continued. | 1919 | 9 | 495 | 1,229 | \$512 | \$566 | \$1,531 | | |
| All industries. | 1914 | 339 | 6,765 | 24,086 | 4,964 | 17,391 | 27,708 | Furniture..... | 1914 | 10 | 337 | 742 | 213 | 283 | 621 | | |
| | 1909 | 277 | 6,820 | 22,666 | 4,714 | 14,946 | 24,462 | Lumber and timber products. ² | 1919 | 35 | 3,700 | 21,671 | 5,141 | 7,110 | 15,519 | | |
| Automobile bodies and parts. | 1919 | 9 | 52 | 74 | 71 | 104 | 289 | | 1914 | 26 | 2,146 | 10,323 | 1,548 | 2,611 | 5,080 | | |
| | 1914 | 3 | 5 | 3 | 4 | 5 | 13 | | 1909 | 31 | 2,935 | 12,862 | 1,959 | 2,889 | 6,040 | | |
| Bread and other bakery products. | 1919 | 29 | 256 | 242 | 307 | 1,197 | 2,036 | Marble and stone work..... | 1919 | 4 | 62 | 378 | 94 | 144 | 399 | | |
| | 1914 | 36 | 180 | 122 | 116 | 412 | 835 | | 1914 | 5 | 70 | 228 | 63 | 186 | 374 | | |
| | 1909 | 28 | 164 | 109 | 84 | 333 | 867 | Mineral and carbonated waters. | 1919 | 3 | 13 | 10 | 23 | 50 | 114 | | |
| Coffee, roasting and grinding. | 1919 | 4 | 18 | 75 | 27 | 367 | 469 | | 1914 | 5 | 14 | 10 | 10 | 17 | 48 | | |
| | 1914 | 7 | 35 | 78 | 17 | 237 | 409 | Printing and publishing ⁴ | 1919 | 47 | 382 | 411 | 446 | 543 | 1,881 | | |
| | 1909 | 4 | 25 | 69 | 12 | 191 | 239 | | 1914 | 58 | 293 | 546 | 260 | 282 | 1,188 | | |
| Confectionery and ice cream. | 1919 | 14 | 217 | 132 | 187 | 797 | 1,299 | | 1909 | 42 | 293 | 264 | 253 | 247 | 1,094 | | |
| | 1914 | 11 | 106 | 106 | 59 | 206 | 388 | Shipbuilding, wooden, including boat building. | 1919 | 7 | 639 | 2,420 | 754 | 1,693 | 4,294 | | |
| Copper, tin, and sheet-iron products. ¹ | 1919 | 15 | 67 | 66 | 85 | 171 | 388 | | 1914 | 5 | 17 | 22 | 14 | 21 | 50 | | |
| | 1914 | 18 | 65 | 50 | 60 | 79 | 200 | | 1909 | 6 | 31 | 58 | 29 | 38 | 90 | | |
| | 1909 | 13 | 69 | 37 | 67 | 89 | 231 | Tobacco, cigars and cigarettes. | 1919 | 7 | 19 | ..... | 23 | 33 | 76 | | |
| Flour-mill and gristmill products. | 1919 | 8 | 350 | 5,176 | 588 | 18,910 | 21,089 | | 1914 | 15 | 54 | ..... | 36 | 46 | 120 | | |
| | 1914 | 7 | 258 | 3,047 | 215 | 6,071 | 6,695 | | 1909 | 17 | 77 | ..... | 47 | 53 | 150 | | |
| Food preparations, not elsewhere specified. | 1919 | 8 | 41 | 125 | 41 | 516 | 748 | All other industries..... | 1919 | 92 | 3,845 | 25,300 | 5,340 | 39,595 | 49,475 | | |
| | 1914 | 4 | 21 | 61 | 11 | 102 | 156 | | 1914 | 102 | 2,794 | 25,734 | 2,078 | 6,138 | 10,260 | | |
| | 1909 | 5 | 24 | 82 | 15 | 98 | 148 | | 1909 | 95 | 2,399 | 5,279 | 1,682 | 6,520 | 9,956 | | |
| Foundry and machine-shop products. ² | 1919 | 57 | 549 | 2,248 | 871 | 1,477 | 3,615 | | | | | | | | | | |
| | 1914 | 27 | 370 | 1,014 | 260 | 695 | 1,321 | | | | | | | | | | |
| | 1909 | 23 | 392 | 649 | 289 | 697 | 1,368 | | | | | | | | | | |

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

| | | | | | | | | | | | | | | | |
|-----------------|------|-----|-------|--------|---------|---------|----------|------------------|------|----|-------|-------|---------|----------|----------|
| ABERDEEN..... | 1919 | 73 | 2,715 | 14,504 | \$4,474 | \$7,661 | \$15,758 | VANCOUVER..... | 1919 | 39 | 4,522 | 8,553 | \$7,088 | \$11,930 | \$21,252 |
| | 1914 | 60 | 1,568 | 13,250 | 1,219 | 2,612 | 4,615 | | 1914 | 28 | 360 | 8,936 | 282 | 557 | 1,301 |
| | 1909 | 43 | 1,509 | 9,582 | 995 | 2,172 | 3,590 | | | | | | | | |
| BELLINGHAM..... | 1919 | 110 | 3,088 | 13,717 | 4,344 | 9,969 | 17,808 | WALLA WALLA..... | 1919 | 69 | 428 | 1,744 | 538 | 2,856 | 4,323 |
| | 1914 | 86 | 1,922 | 10,170 | 1,318 | 3,366 | 6,264 | | 1914 | 47 | 311 | 1,737 | 250 | 1,216 | 2,015 |
| | 1909 | 96 | 1,566 | 5,176 | 1,027 | 2,422 | 4,600 | | 1909 | 48 | 388 | 1,500 | 323 | 1,385 | 2,317 |
| EVERETT | 1919 | 127 | 3,273 | 21,702 | 4,817 | 11,907 | 21,887 | YAKIMA..... | 1919 | 77 | 1,326 | 2,851 | 1,508 | 2,600 | 5,767 |
| | 1914 | 98 | 1,959 | 13,653 | 1,610 | 4,000 | 6,530 | | 1914 | 42 | 582 | 2,343 | 402 | 873 | 1,937 |
| | 1909 | 93 | 2,200 | 10,021 | 1,585 | 3,455 | 6,593 | | 1909 | 35 | 601 | 1,967 | 373 | 830 | 2,152 |
| HOQUILAM | 1919 | 38 | 2,164 | 14,732 | 3,409 | 6,307 | 11,872 | | | | | | | | |
| | 1914 | 33 | 1,657 | 12,377 | 1,257 | 3,042 | 5,009 | | | | | | | | |

¹ Includes "tinware, not elsewhere specified" in 1914.

² Includes "automobile repairing"; "engines, steam, gas, and water"; "iron and steel, welding"; and "structural ironwork, not made in steel works or rolling mills," in all years; "steam fittings and steam and hot-water heating apparatus" in 1914; and "hardware" in 1919.

³ Includes "boxes, wooden packing, except cigar boxes"; "lumber, planing-mill products, not including planing mills connected with sawmills"; and "window and door screens."

⁴ Includes "bookbinding and blank-book making" and "lithographing" in 1914.

MANUFACTURES—WASHINGTON.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | | | Capital. | | |
|--------------------|--------------------------|----------------------------------|------------------------------|--|--------------|---------|-----------------|----------------|----------------------|--|---------|-----------|---------|-------|---------|----------|--|--|
| | | Total. | Proprietors and firm members | Salaried officers, superintendents, and managers | Clerks, etc. | | Wage earners. | | Number, 15th day of— | 16 and over. | | Under 16. | | | | | | |
| | | | | | Male. | Female. | Average number. | Maximum month. | | Male. | Female. | Male. | Female. | Male. | Female. | | | |
| | | | | | | | | | | | | | | | | | | |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

| | | | | | | | | | | | | | | | | |
|----|--|-------|---------|-------|-------|-------|-------|---------|------------|------------|-------|-------|-------|-----|-----|-------------------------|
| 1 | All industries..... | 4,918 | 150,479 | 4,195 | 5,221 | 5,405 | 2,730 | 132,928 | Se 146,872 | Fe 89,914 | (4) | (4) | (4) | (4) | (4) | Dollars. 574,235,183 |
| 2 | Agricultural implements..... | 9 | 177 | 8 | 16 | 6 | 1 | 146 | Je 207 | De 84 | 123 | 122 | 1 | 1 | 1 | 805,226 |
| 3 | Artificial limbs..... | 5 | 24 | 5 | 2 | — | — | 16 | No 4 19 | Ap 4 14 | 15 | 14 | — | — | — | 11,030 |
| 4 | Artificial stone products..... | 34 | 124 | 25 | 13 | 4 | — | 82 | Ja 109 | Ja 34 | 107 | 107 | — | — | — | 633,173 |
| 5 | Automobile bodies and parts..... | 58 | 377 | 58 | 22 | 9 | 12 | 276 | My 4 292 | Fe 247 | 275 | 270 | 5 | — | — | 731,895 |
| 6 | Automobile repairing..... | 502 | 2,591 | 638 | 119 | 65 | 82 | 1,057 | Se 1,840 | Ja 1,456 | 1,844 | 1,829 | 13 | 2 | — | 3,997,777 |
| 7 | Awnings, tents, and sails..... | 15 | 143 | 13 | 10 | 7 | 6 | 167 | Au 118 | Ja 4 97 | 107 | 77 | 30 | — | — | 585,552 |
| 8 | Beating, leather..... | 5 | 18 | 6 | 2 | 1 | 1 | 8 | Se 4 9 | Ja 4 7 | 8 | 8 | — | — | — | 98,739 |
| 9 | Bookbinding and blank-book making..... | 14 | 52 | 14 | 1 | — | — | 37 | De 44 | Se 27 | 41 | 22 | 17 | 2 | — | 121,587 |
| 10 | Boots and shoes..... | 9 | 189 | 4 | 22 | 11 | 6 | 146 | Oc 4 150 | Ja 140 | 164 | 113 | 46 | 3 | 2 | 727,570 |
| 11 | Boxes, paper and other, not elsewhere specified..... | 11 | 369 | 4 | 22 | 6 | 8 | 329 | — | — | 422 | 101 | 319 | — | 2 | 632,563 |
| 12 | Shipping containers and set-up paper boxes..... | 6 | 212 | 3 | 11 | 4 | 3 | 191 | De 273 | Mh 136 | 275 | 63 | 210 | — | 2 | 337,994 |
| 13 | Cartons..... | 5 | 157 | 1 | 11 | 2 | 5 | 138 | De 200 | Ja 94 | 147 | 38 | 109 | — | — | 294,569 |
| 14 | Boxes, wooden packing, except cigar boxes..... | 16 | 729 | 4 | 25 | 13 | 8 | 679 | Au 751 | Fe 595 | 673 | 609 | 53 | 8 | 3 | 2,021,071 |
| 15 | Brass, bronze, and copper products..... | 16 | 212 | 12 | 20 | 10 | 7 | 163 | Ja 195 | Fe 70 | 171 | 168 | 2 | 1 | — | 453,584 |
| 16 | Bread and other bakery products..... | 364 | 2,494 | 406 | 81 | 153 | 111 | 1,743 | No 4 516 | Ap 4 304 | 1,056 | 1,266 | 669 | 19 | 2 | 4,565,105 |
| 17 | Biscuit and crackers..... | 5 | 537 | — | 15 | 73 | 19 | 430 | De 1,412 | Fe 1,202 | 511 | 323 | 5 | 2 | — | 1,017,489 |
| 18 | All other..... | 359 | 1,937 | 406 | 66 | 80 | 92 | 1,313 | — | — | 1,445 | 1,085 | 346 | 14 | — | 3,547,616 |
| 19 | Brick and tile, terra-cotta, and fire-clay products..... | 35 | 771 | 20 | 59 | 19 | 9 | 664 | — | — | 821 | 815 | 1 | 5 | — | 4,649,919 |
| 20 | Building brick..... | 23 | 353 | 16 | 37 | 5 | 5 | 322 | Jy 460 | Fe 125 | 357 | 385 | 1 | 1 | — | 1,752,092 |
| 21 | Fire-brick, sewer pipe, and drain tile..... | 8 | 233 | 3 | 12 | 10 | 2 | 206 | Au 235 | Ja 160 | 236 | 232 | — | 4 | — | 1,769,070 |
| 22 | Terra-cotta products..... | 4 | 153 | 1 | 10 | 4 | 2 | 136 | De 188 | Mh 4 84 | 198 | 198 | — | — | — | 1,128,757 |
| 23 | Brooms, from broom corn..... | 6 | 91 | 6 | 5 | 8 | 3 | 69 | De 90 | Ja 61 | 88 | 62 | 26 | — | — | 238,466 |
| 24 | Butter..... | 101 | 738 | 40 | 146 | 67 | 70 | 475 | Jy 559 | Fe 410 | 482 | 431 | 50 | — | — | 3,952,981 |
| 25 | Buttons..... | 3 | 10 | 5 | — | — | — | 5 | (5) 5 | (5) 5 | 5 | 5 | 5 | 5 | — | 4,610 |
| 26 | Canning and preserving, fish..... | 66 | 1,930 | 15 | 133 | 65 | 34 | 1,683 | Au 3,041 | Ja 610 | 3,122 | 2,434 | 679 | 5 | 4 | 16,603,445 |
| 27 | Canning and preserving, fruits..... | 30 | 1,518 | 29 | 69 | 47 | 25 | 1,348 | — | — | 2,871 | 782 | 1,979 | 30 | 80 | 4,326,371 |
| 28 | Canned fruits..... | 22 | 1,390 | 20 | 61 | 42 | 24 | 1,243 | Se 2,548 | Fe 274 | 2,576 | 652 | 1,814 | 30 | 80 | 3,887,480 |
| 29 | Dried fruits..... | 8 | 128 | 9 | 8 | 5 | 1 | 105 | No 293 | Mh 10 | 295 | 130 | 165 | — | — | 458,891 |
| 30 | Canning and preserving oysters..... | 14 | 137 | 15 | 12 | 2 | 1 | 107 | Mh 257 | Jy 6 | 345 | 168 | 176 | — | — | 335,751 |
| 31 | Carpets, rag..... | 8 | 26 | 10 | — | — | 1 | 15 | Ap 4 17 | Fe 12 | 17 | 17 | 17 | — | — | 13,800 |
| 32 | Carriages and wagons, including repairs..... | 13 | 36 | 16 | — | — | — | 20 | Mh 4 21 | No 4 18 | 20 | 19 | — | 1 | — | 73,629 |
| 33 | Cars and general shop construction and repairs by electric-railroad companies..... | 16 | 711 | — | 16 | 13 | 3 | 679 | No 787 | Mh 495 | 975 | 966 | 8 | 1 | — | 1,535,856 |
| 34 | Cars and general shop construction and repairs by steam-railroad companies..... | 35 | 6,813 | — | 177 | 103 | 53 | 6,450 | De 6,632 | Ap 4 6,280 | 6,572 | 6,490 | 82 | — | — | 11,903,741 |
| 35 | Cement..... | 4 | 484 | — | 22 | 18 | 8 | 436 | Au 549 | Ja 242 | 468 | 463 | 5 | — | — | 6,200,923 |
| 36 | Cheese..... | 15 | 36 | 9 | 6 | 1 | 1 | 19 | Jy 27 | Ja 4 12 | 24 | 21 | 3 | — | — | 135,149 |
| 37 | Chemicals..... | 8 | 164 | — | 26 | 27 | 21 | 90 | De 108 | Ap 4 76 | 108 | 108 | — | — | — | 1,451,509 |
| 38 | Cleansing preparations..... | 4 | 11 | 5 | 1 | 2 | — | 3 | — | — | 4 | 3 | — | 1 | — | 11,700 |
| 39 | Clothing, men's..... | 9 | 562 | 3 | 21 | 52 | 18 | 468 | De 543 | Ap 411 | 543 | 65 | 473 | 4 | 1 | 1,482,709 |
| 40 | Clothing, women's..... | 20 | 342 | 13 | 17 | 20 | 10 | 282 | Mh 72 | No 41 | 285 | 47 | 234 | 2 | 2 | 431,823 |
| 41 | Suits, skirts, and cloaks..... | 7 | 71 | 5 | 3 | 2 | 3 | 58 | My 70 | Mh 53 | 61 | 58 | 31 | 26 | 1 | 141,012 |
| 42 | Wrappers and house dresses..... | 5 | 72 | 2 | 5 | 4 | — | 61 | Jy 210 | Ja 94 | 166 | 13 | 150 | 1 | 2 | 97,624 |
| 43 | All other..... | 8 | 199 | 6 | 9 | 14 | 7 | 163 | — | — | 21 | 21 | — | — | — | 193,187 |
| 44 | Coal-tar products..... | 3 | 36 | 1 | 8 | — | — | 1 | 26 | Ja 18 | 227 | 127 | 100 | — | — | 235,988 |
| 45 | Coffee, roasting and grinding..... | 24 | 372 | 11 | 30 | 89 | 27 | 215 | Jy 238 | Oe 203 | 227 | 100 | — | — | — | 1,847,770 |
| 46 | Coffins, burialcases, and undertakers' goods..... | 5 | 90 | 3 | 10 | 4 | 1 | 72 | Ja 82 | Jy 61 | 69 | 46 | 23 | — | — | 354,158 |
| 47 | Condensed milk..... | 14 | 964 | — | 41 | 125 | 64 | 734 | Je 887 | Ja 631 | 674 | 545 | 129 | — | — | 8,773,228 |
| 48 | Confectionery and ice cream..... | 119 | 1,931 | 101 | 105 | 31 | 98 | 1,590 | — | — | 1,896 | 570 | 1,320 | 2 | 4 | 4,314,598 |
| 49 | Confectionery..... | 88 | 1,688 | 70 | 84 | 19 | 79 | 1,426 | De 1,751 | My 1,284 | 1,738 | 433 | 1,299 | 2 | 4 | 3,739,837 |
| 50 | Ice cream..... | 33 | 243 | 31 | 21 | 12 | 19 | 160 | Jy 190 | Fe 134 | 158 | 137 | 21 | — | — | 574,761 |
| 51 | Copper, tin, and sheet-iron work..... | 110 | 604 | 115 | 39 | 25 | 16 | 409 | Oe 465 | Fe 233 | 442 | 437 | 3 | 2 | — | 1,479,653 |
| 52 | Cutlery and edge tools..... | 3 | 10 | 2 | 1 | — | — | 7 | No 4 8 | Ja 4 6 | 8 | 7 | 1 | — | — | 37,775 |
| 53 | Druggists' preparations..... | 7 | 29 | 8 | 1 | — | — | 20 | Se 23 | Fe 18 | 22 | 15 | 7 | — | — | 90,516 |
| 54 | Electrical machinery, apparatus, and supplies..... | 12 | 268 | 2 | 32 | 21 | 23 | 190 | Ja 274 | Fe 134 | 226 | 178 | 48 | — | — | 1,931,181 |
| 55 | Electroplating..... | 5 | 15 | 6 | 1 | — | — | 7 | No 4 10 | Ja 4 5 | 10 | 10 | — | — | — | 13,251 |
| 56 | Engines, steam, gas, and water..... | 13 | 639 | 6 | 47 | 31 | 9 | 546 | Jy 712 | Fe 233 | 552 | 551 | — | 1 | — | 2,600,331 |
| 57 | Engraving, steel and copper plate, including plate printing..... | 3 | 33 | 2 | 3 | — | 4 | 24 | No 4 29 | My 4 21 | 24 | 10 | 14 | — | — | 38,333 |
| 58 | Fancy articles, not elsewhere specified..... | 3 | 12 | 3 | 5 | 1 | — | 8 | Se 14 | Ja 6 | 8 | 7 | 1 | — | — | 4,005 |
| 59 | Flour-mill and gristmill products..... | 119 | 2,153 | 67 | 175 | 272 | 103 | 1,538 | No 1,829 | Jy 1,332 | 1,735 | 1,680 | 53 | 2 | — | 39,058,570 |
| 60 | Food preparations, not elsewhere specified..... | 40 | 226 | 23 | 31 | 29 | 15 | 128 | — | — | 142 | 82 | 59 | 1 | — | 927,140 |
| 61 | Breadstuffs, cereals, and breakfast foods..... | 5 | 12 | 5 | 1 | — | — | 8 | Oc 4 8 | Ja 4 5 | 9 | 5 | 4 | — | — | 115,988 |
| 62 | Macaroni, vermicelli, and noodles..... | 10 | 61 | 3 | 12 | 2 | 3 | 41 | De 44 | Fe 40 | 44 | 31 | 13 | — | — | 307,068 |
| 63 | Sweetening syrups, other than cane..... | 4 | 24 | — | 6 | 5 | 3 | 10 | Se 15 | Mh 7 | 10 | 5 | 5 | — | — | 92,016 |
| 64 | Other preparations for human consumption..... | 17 | 113 | 16 | 8 | 20 | 9 | 60 | Je 72 | Ja 49 | 67 | 29 | 37 | 1 | — | 381,370 |
| 65 | For animals and fowls..... | 4 | 16 | 4 | — | 1 | — | 11 | Au 4 13 | Ja 4 8 | 12 | 12 | — | — | — | 30,698 |

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—WASHINGTON.

127

COMBINED AND SPECIFIED INDUSTRIES: 1919.

| EXPENSES. | | | | | | | | | POWER. | | | | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|---|----------------------|-------------------------|--------|--------------------|-------------------------------|---------------------|------------------------------|---------------------------|-----------------------|--|--|--|
| Salaries and wages. | | | Rent and taxes. | | | For materials. | | | Value of products. | Value added by manufacture. | Primary horsepower. | | | | | Electric horsepower generated in establishments reporting. | |
| Officials. | Clerks, etc. | Wage earners. | For contract work. | Rent of factory. | Taxes, Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | Total. | | Steam engines (not turbines). | Steam turbines. | Internal-combustion engines. | Water power. ¹ | Rent-ed. ² | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

| Dollars. 18,564,269 | Dollars. 11,893,497 | Dollars. 194,968,222 | Dollars. 5,376,513 | Dollars. 2,807,238 | Dollars. 21,044,415 | Dollars. 431,896,270 | Dollars. 11,281,255 | Dollars. 809,622,984 | Dollars. 366,445,453 | Dollars. 687,436 | Dollars. 402,007 | Dollars. 51,299 | Dollars. 6,123 | Dollars. 7,723 | Dollars. 220,234 | Dollars. 62,234 | Dollars. 1 | |
|------------------------|------------------------|-------------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|-------------------------|-------------------------|---------------------|---------------------|--------------------|-------------------|-------------------|---------------------|--------------------|---------------|---|
| 39,518 | 12,133 | 178,460 | 80 | 1,388 | 40,207 | 433,985 | 11,769 | 912,946 | 467,192 | 320 | — | — | — | — | 320 | — | 2 | |
| 10,238 | 351 | 20,810 | — | 3,610 | 170 | 13,879 | 4,21 | 55,936 | 41,636 | 53 | — | — | — | — | 53 | — | 3 | |
| 30,012 | 7,808 | 114,520 | — | 5,077 | 3,181 | 162,478 | 5,845 | 429,524 | 261,201 | 464 | 180 | — | 29 | 6 | 249 | — | 4 | |
| 53,632 | 16,024 | 402,079 | 502,169 | 36,608 | 14,711 | 443,588 | 16,021 | 1,226,303 | 761,094 | 429 | — | — | — | — | 429 | — | 5 | |
| 219,555 | 145,848 | 2,494,747 | 36,906 | 276,852 | 60,592 | 2,811,886 | 103,136 | 6,952,681 | 4,537,659 | 2,311 | 32 | — | 225 | — | 2,054 | 1 | 6 | |
| 34,916 | 18,651 | 105,253 | 1,814 | 17,054 | 34,112 | 751,152 | 1,204 | 1,174,066 | 421,710 | 59 | — | — | 2 | 57 | — | 7 | — | |
| 2,500 | 882 | 11,685 | — | 2,712 | 933 | 99,673 | 354 | 141,073 | 41,046 | 18 | — | — | — | 18 | — | 8 | — | |
| 1,300 | — | 42,604 | 1,400 | 5,225 | 1,570 | 34,390 | 1,375 | 133,622 | 97,857 | 19 | — | — | — | 19 | — | 9 | — | |
| 53,845 | 24,168 | 153,008 | — | 3,080 | 20,330 | 424,847 | 10,712 | 846,077 | 401,518 | 175 | — | — | — | 175 | — | 10 | — | |
| 69,414 | 18,138 | 249,117 | — | 16,251 | 11,558 | 445,506 | 6,963 | 973,816 | 520,847 | 213 | — | — | — | 213 | — | 11 | — | |
| 37,121 | 8,948 | 146,003 | — | 11,250 | 7,420 | 300,677 | 3,621 | 611,317 | 307,019 | 123 | — | — | — | 123 | — | 12 | — | |
| 32,293 | 9,190 | 103,114 | — | 5,001 | 4,138 | 144,829 | 3,342 | 361,999 | 213,828 | 90 | — | — | — | 90 | — | 13 | — | |
| 92,487 | 28,595 | 747,571 | — | 12,135 | 60,241 | 1,706,241 | 29,889 | 3,320,997 | 1,644,807 | 4,000 | 1,870 | 1,000 | 35 | 1,355 | 1,000 | 14 | — | |
| 83,874 | 13,073 | 254,850 | 20,608 | 10,127 | 9,506 | 985,057 | 20,773 | 1,608,367 | 602,537 | 311 | — | — | — | 311 | — | 15 | — | |
| 259,690 | 375,608 | 2,229,892 | 13,917 | 224,272 | 217,036 | 9,000,945 | 236,063 | 15,043,030 | 5,806,922 | 1,726 | 45 | — | 5 | 5 | 1,671 | 44 | 16 | |
| 58,806 | 155,678 | 360,158 | 11,357 | 24,200 | 125,459 | 1,242,372 | 28,988 | 2,489,412 | 1,218,052 | 204 | — | — | — | 219 | 44 | 17 | — | |
| 200,584 | 219,930 | 1,869,704 | — | 2,560 | 200,072 | 91,577 | 7,758,573 | 207,075 | 12,553,618 | 4,537,970 | 1,462 | — | — | 5 | 5 | 1,452 | 18 | — |
| 133,488 | 34,805 | 789,328 | 1,250 | 7,450 | 39,066 | 185,384 | 369,534 | 1,782,566 | 1,227,343 | 5,201 | 3,334 | — | 10 | 1,897 | 390 | 19 | — | |
| 73,068 | 11,137 | 409,978 | 1,250 | 7,450 | 17,798 | 83,371 | 183,005 | 901,705 | 635,269 | 2,952 | 1,300 | — | 10 | 1,642 | 165 | 20 | — | |
| 40,155 | 16,037 | 216,850 | — | 13,928 | 63,521 | 147,449 | 584,459 | 373,519 | 1,424 | — | — | — | — | 15 | 65 | 21 | — | |
| 20,263 | 7,631 | 162,502 | — | 7,430 | 38,492 | 39,320 | 296,372 | 218,560 | 915 | — | — | — | — | 240 | 160 | 22 | — | |
| 10,857 | 14,738 | 50,329 | — | 679 | 2,147 | 206,704 | 1,716 | 310,071 | 107,651 | 102 | — | — | — | 102 | — | 23 | — | |
| 180,859 | 138,376 | 588,555 | 3,321 | 35,498 | 60,432 | 10,611,350 | 119,131 | 12,990,885 | 2,260,404 | 2,877 | 1,127 | — | 18 | 70 | 1,062 | 57 | 24 | |
| — | — | 3,972 | 96 | 510 | 3 | 3,531 | 36 | 14,933 | 11,356 | 1 | — | — | — | 1 | — | 25 | — | |
| 437,783 | 159,006 | 1,781,027 | 226,353 | 22,055 | 449,883 | 10,137,263 | 163,470 | 15,860,141 | 5,559,403 | 6,775 | 4,224 | 72 | 844 | 4 | 1,631 | 61 | 26 | |
| 138,636 | 125,037 | 1,035,944 | 1,000 | 13,726 | 103,482 | 5,795,272 | 84,474 | 9,295,891 | 3,416,145 | 1,032 | 409 | — | 4 | 619 | — | 27 | — | |
| 126,761 | 120,232 | 894,274 | 1,000 | 10,430 | 95,442 | 5,550,422 | 59,558 | 8,765,737 | 3,155,727 | 520 | 259 | — | 2 | 559 | — | 28 | — | |
| 11,875 | 4,805 | 141,670 | — | 3,290 | 8,040 | 244,850 | 24,886 | 530,154 | 260,418 | 212 | 150 | — | 2 | 60 | — | 29 | — | |
| 12,400 | 4,393 | 69,624 | — | 420 | 2,752 | 172,307 | 4,683 | 318,240 | 141,270 | 175 | 134 | — | 23 | 5 | 13 | 30 | — | |
| — | 634 | 20,413 | — | 1,770 | 345 | 10,110 | 1,374 | 48,601 | 37,117 | 56 | 10 | — | — | 46 | — | 31 | — | |
| — | — | 33,583 | 72 | 2,712 | 1,097 | 29,901 | 4,214 | 99,546 | 65,431 | 66 | — | — | 6 | — | 60 | — | 32 | |
| 27,370 | 15,671 | 939,984 | 832 | — | 17,628 | 547,908 | 30,781 | 1,580,174 | 1,001,485 | 1,390 | 30 | — | — | 1,360 | — | 33 | — | |
| 441,658 | 204,632 | 8,476,604 | — | 91,252 | 5,290,982 | 432,829 | 14,935,068 | 9,211,197 | 6,785 | 1,853 | — | 12 | — | 4,920 | 1,417 | 34 | — | |
| 64,138 | 40,745 | 716,093 | — | 57,180 | 988,175 | 731,971 | 3,241,114 | 1,520,968 | 19,536 | 100 | — | — | 1,500 | 17,936 | 1,500 | 35 | — | |
| 5,300 | 630 | 26,878 | 965 | 1,350 | 1,007 | 463,552 | 6,561 | 550,266 | 80,153 | 146 | 89 | — | 17 | 15 | 25 | 56 | — | |
| 69,473 | 64,637 | 123,135 | — | 2,334 | 128,673 | 469,069 | 66,825 | 1,363,434 | 827,540 | 1,165 | 40 | — | 8 | 1,117 | 37 | 37 | — | |
| 1,512 | 1,818 | 3,181 | — | 1,622 | 98 | 11,989 | 449 | 27,490 | 15,052 | 8 | — | — | — | 8 | 38 | 39 | — | |
| 72,361 | 88,890 | 370,093 | — | 17,294 | 136,087 | 913,503 | 4,871 | 2,230,828 | 1,312,454 | 115 | — | — | — | 115 | — | 39 | — | |
| 48,077 | 31,469 | 252,922 | 6,088 | 20,027 | 10,690 | 607,048 | 2,263 | 1,171,227 | 561,916 | 81 | — | — | — | 81 | — | 40 | — | |
| 10,983 | 7,394 | 90,731 | 5,588 | 6,646 | 5,536 | 222,254 | 502 | 381,308 | 158,552 | 9 | — | — | — | 9 | — | 41 | — | |
| 9,166 | 3,568 | 44,300 | — | 3,038 | 1,984 | 115,924 | 487 | 236,308 | 119,947 | 30 | — | — | — | 30 | — | 42 | — | |
| 27,928 | 20,507 | 117,891 | 500 | 9,743 | 3,170 | 268,870 | 1,324 | 553,611 | 283,417 | 42 | — | — | — | 42 | — | 43 | — | |
| 16,441 | 5,475 | 28,373 | — | 2,710 | 4,745 | 222,218 | 14,946 | 367,588 | 130,424 | 115 | 100 | — | — | 15 | 44 | 44 | — | |
| 109,740 | 238,870 | 236,651 | 300,294 | 33,793 | 41,003 | 3,151,773 | 14,320 | 4,356,971 | 1,190,878 | 414 | — | — | — | 414 | — | 45 | — | |
| 36,228 | 5,559 | 61,426 | — | 484 | 18,832 | 245,142 | 4,530 | 453,019 | 203,347 | 152 | — | — | — | 152 | — | 46 | — | |
| 199,096 | 291,813 | 966,545 | — | 2,440 | 758,038 | 15,385,573 | 251,418 | 19,586,736 | 3,930,745 | 2,072 | 1,124 | 255 | — | 693 | 476 | 47 | — | |
| 328,140 | 517,195 | 1,339,181 | 15,743 | 105,245 | 273,682 | 5,582,359 | 101,361 | 10,301,924 | 4,618,204 | 1,491 | 75 | — | 14 | 1,402 | 5 | 48 | — | |
| 256,057 | 482,953 | 1,101,664 | 15,743 | 90,654 | 258,183 | 4,509,088 | 73,791 | 8,401,406 | 3,818,527 | 790 | 25 | — | 14 | 751 | 5 | 49 | — | |
| 72,083 | 34,242 | 237,517 | — | 17,591 | 15,499 | 1,073,271 | 27,570 | 1,900,518 | 799,677 | 701 | 50 | — | — | 651 | — | 50 | — | |
| 126,934 | 51,469 | 630,915 | 872 | 47,921 | 39,077 | 1,132,553 | 10,222 | 2,547,387 | 1,404,592 | 332 | — | — | — | 332 | — | 51 | — | |
| 1,200 | 16,166 | — | — | 1,220 | 272 | 12,932 | 800 | 37,300 | 23,568 | 28 | — | — | — | 28 | — | 52 | — | |
| 2,000 | 22,862 | 1,205 | — | 700 | 428 | 87,417 | 1,743 | 283,475 | 194,315 | 12 | — | — | — | 12 | — | 53 | — | |
| 73,704 | 40,293 | 201,890 | — | 8,668 | 27,982 | 640,064 | 5,638 | 1,086,512 | 420,810 | 632 | — | — | — | 632 | — | 54 | — | |
| 2,120 | 180 | 12,754 | 225 | 3,185 | 111 | 7,155 | 1,447 | 36,168 | 27,566 | 48 | — | — | — | 48 | — | 55 | — | |
| 175,562 | 63,817 | 774 | | | | | | | | | | | | | | | | |

MANUFACTURES—WASHINGTON.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establish- ments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | Capital. | |
|--------------------|-------------------------------|----------------------------------|---|--------------|--------------|------------------------------|----------------------|-------|---|--------------|--------------|-----------|--------------|--|
| | | Total. | Propri- tors, super- intend- ents, and manag- ers. | Clerks, etc. | | Wage earners. | | | Total. | 16 and over. | | Under 16. | | |
| | | | | Male. | Fe- male. | Aver- age num- ber. | Number, 15th day of— | Male. | | Male. | Fe- male. | Male. | Fe- male. | |
| | | | | | | | Maximum month. | | Minimum month. | | | | | |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| | | | | | | | | | | | | | | | | | | |
|----|---|-------|--------|-------|-------|-----|-----|--------|-----|--------|-----|--------|--------|--------|-----|----|------------|-------------|
| 1 | Foundry and machine-shop products. | 233 | 4,438 | 182 | 278 | 246 | 91 | 3,041 | Ja | 761 | Fe | 107 | 3,809 | 3,799 | 8 | 2 | Dollars. | |
| 2 | Boiler shops. | 17 | 656 | 15 | 29 | 37 | 8 | 507 | Ja | 752 | Fe | 330 | 661 | 660 | 1 | | 2,430,354 | |
| 3 | Foundries. | 27 | 682 | 24 | 49 | 31 | 11 | 567 | Ja | 752 | Fe | 330 | 650 | 647 | 3 | | 2,125,644 | |
| 4 | Machine shops. | 165 | 1,625 | 134 | 128 | 91 | 43 | 1,229 | My | 1,395 | Fe | 803 | 1,303 | 1,299 | 2 | | 5,905,852 | |
| 5 | Machine shop and foundry combined. | 24 | 1,445 | 9 | 72 | 87 | 20 | 1,248 | Ja | 1,409 | Fe | 870 | 1,195 | 1,193 | 2 | | 5,219,058 | |
| 6 | Fur goods. | 22 | 163 | 22 | 7 | 4 | 6 | 124 | Oe | 151 | Ap | 101 | 144 | 58 | 86 | | 341,361 | |
| 7 | Furniture. | 59 | 913 | 49 | 45 | 22 | 10 | 787 | | | | | 852 | 705 | 145 | 2 | | 2,003,060 |
| 8 | Wood, other than rattan and willow. | 41 | 602 | 26 | 27 | 15 | 6 | 518 | No | 607 | Fe | 366 | 562 | 440 | 120 | 2 | | 1,223,963 |
| 9 | All other. | 18 | 311 | 13 | 18 | 7 | 4 | 269 | De | 297 | Fe | 237 | 290 | 265 | 25 | | 869,123 | |
| 10 | Furs, dressed. | 3 | 10 | 6 | | | | 4 | (*) | 4 | (*) | 4 | 4 | 3 | 1 | | 4,460 | |
| 11 | Gas and electric fixtures. | 6 | 80 | 1 | 11 | 18 | 5 | 45 | De | 63 | My | 37 | 63 | 62 | 1 | | 174,950 | |
| 12 | Gas, illuminating and heating. | 12 | 858 | | 38 | 104 | 79 | 637 | Oc | 772 | Fe | 533 | 760 | | | | 23,958,656 | |
| 13 | Glass, cutting, staining, and ornamenting. | 6 | 44 | 3 | 7 | 3 | 2 | 29 | De | 35 | Ja | 23 | 37 | 35 | 2 | | 67,721 | |
| 14 | Gloves and mittens, cloth, not including gloves made in textile mills. | 3 | 77 | 7 | | 6 | 3 | 61 | Ja | 88 | Mh | 45 | 70 | 11 | 59 | | 245,757 | |
| 15 | Gloves and mittens, leather. | 7 | 56 | 7 | 1 | 2 | | 46 | Oc | 50 | Ja | 43 | 51 | 27 | 24 | | 133,340 | |
| 16 | Hair work. | 3 | 15 | 2 | | | | 13 | (*) | 13 | (*) | 13 | 14 | 1 | 13 | | 8,944 | |
| 17 | Hand stamps. | 10 | 62 | 11 | 4 | 7 | 3 | 37 | Jy | 45 | Ja | 31 | 37 | 32 | 4 | | 107,327 | |
| 18 | Ice, manufactured. | 42 | 260 | 24 | 30 | 11 | 14 | 151 | Au | 235 | Ja | 132 | 195 | 103 | 1 | | 1,674,797 | |
| 19 | Instruments, professional and scientific. | 4 | 35 | 1 | 2 | 1 | 2 | 29 | Ja | 36 | Mh | 27 | 29 | 25 | 4 | | 119,745 | |
| 20 | Iron and steel forgings, not made in steel works or rolling mills. | 11 | 406 | 3 | 31 | 19 | 7 | 346 | Ja | 546 | Fe | 141 | 297 | 297 | | | 1,625,559 | |
| 21 | Iron and steel, welding. | 16 | 48 | 21 | 4 | 2 | 1 | 20 | My | 21 | Ja | 19 | 21 | 21 | | | 64,150 | |
| 22 | Jewelry. | 16 | 271 | 18 | 7 | 10 | 21 | 215 | Je | 253 | Fe | 160 | 215 | 157 | 58 | | 320,258 | |
| 23 | Knit goods. | 8 | 136 | 3 | 10 | 14 | 4 | 105 | De | 104 | Ap | 64 | 166 | 31 | 135 | | 268,611 | |
| 24 | Lamps. | 3 | 7 | 2 | | | | 1 | De | 8 | Ja | 2 | 9 | 7 | 2 | | 19,333 | |
| 25 | Leather goods, not elsewhere specified. | 3 | 11 | 3 | 2 | | | 6 | De | 7 | Ja | 4 | 7 | 1 | 6 | | 23,400 | |
| 26 | Lime. | 5 | 166 | | 10 | 6 | | 150 | No | 185 | Jy | 125 | 174 | 172 | 2 | | 1,170,452 | |
| 27 | Liquors, malt. | 8 | 103 | | 24 | 21 | 7 | 141 | Oc | 178 | Ja | 112 | 151 | 150 | 1 | | 6,353,022 | |
| 28 | Lithographing. | 4 | 108 | | 10 | 10 | 6 | 52 | No | 97 | My | 66 | 92 | 84 | 24 | 2 | 342,529 | |
| 29 | Looking-glass and picture frames. | 8 | 38 | 9 | | 2 | 4 | 23 | De | 28 | Ja | 20 | 27 | 24 | 2 | | 28,244 | |
| 30 | Lumber and timber products. | 1,130 | 57,115 | 1,055 | 1,368 | 963 | 338 | 53,393 | Oc | 61,910 | Ja | 38,318 | 63,223 | 62,541 | 669 | 12 | | 159,411,073 |
| 31 | Lumber, planing-mill products, not including planing mills connected with sawmills. | 86 | 2,244 | 60 | 115 | 81 | 42 | 1,946 | No | 2,349 | Fe | 1,445 | 2,322 | 2,229 | 103 | | 6,377,101 | |
| 32 | Marble and stone work. | 27 | 217 | 20 | 21 | 21 | 5 | 150 | | | | | 156 | 156 | | | | 747,022 |
| 33 | Monuments and tombstones. | 21 | 135 | 18 | 14 | 18 | 2 | 83 | My | 93 | Ja | 62 | 88 | 86 | | | 295,673 | |
| 34 | All other, except slate. | 3 | 82 | 2 | 7 | 3 | 3 | 67 | No | 77 | Mh | 56 | 70 | 70 | | | 451,359 | |
| 35 | Mattresses and spring beds, not elsewhere specified. | 12 | 255 | 3 | 11 | 12 | 3 | 226 | No | 278 | Fe | 183 | 256 | 216 | 40 | | 657,755 | |
| 36 | Millinery and lace goods, not elsewhere specified. | 12 | 200 | 9 | 6 | 6 | 5 | 174 | Fe | 86 | No | 17 | 175 | 23 | 152 | | 195,069 | |
| 37 | Trimmed hats and hat frames. | 4 | 60 | | 4 | 2 | 2 | 52 | Fe | 86 | No | 51 | 7 | 44 | | | 49,721 | |
| 38 | All other. | 8 | 110 | 9 | 2 | 4 | 3 | 122 | Se | 136 | Ja | 116 | 124 | 16 | 108 | | 146,348 | |
| 39 | Mineral and soda waters. | 58 | 210 | 56 | 13 | 12 | 6 | 123 | Jy | 150 | Ja | 99 | 128 | 121 | 5 | | 571,423 | |
| 40 | Minerals and earths, ground or otherwise treated. | 3 | 7 | | | 1 | | 6 | Se | 13 | Ja | 0 | 12 | 12 | | | 92,524 | |
| 41 | Models and patterns, not including paper patterns. | 13 | 56 | 18 | 3 | 2 | | 33 | Au | 41 | Fe | 17 | 38 | 37 | 1 | | 73,305 | |
| 42 | Musical instruments and materials, not elsewhere specified. | 5 | 5 | 5 | | | | | | | | | | | | | 8,170 | |
| 43 | Oil, not elsewhere specified. | 4 | 53 | | 7 | 3 | | 43 | Au | 74 | Ja | 25 | 62 | 60 | 2 | | 1,055,035 | |
| 44 | Optical goods. | 10 | 72 | 4 | 6 | 6 | 12 | 44 | De | 47 | Fe | 39 | 47 | 45 | 2 | | 101,991 | |
| 45 | Paints. | 6 | 53 | | 9 | 6 | 6 | 29 | Ja | 31 | Ja | 26 | 32 | 29 | 3 | | 373,637 | |
| 46 | Paper and wood pulp. | 6 | 1,702 | | 46 | 67 | 39 | 1,610 | De | 1,801 | Fe | 1,442 | 1,777 | 1,618 | 159 | | 12,049,294 | |
| 47 | Patent medicines and compounds. | 15 | 39 | 5 | 6 | 2 | 3 | 23 | | | | | 38 | 36 | 1 | 1 | 123,127 | |
| 48 | Patent and proprietary medicines and compounds, not elsewhere specified. | 5 | 8 | 4 | 1 | | | 3 | (*) | 3 | (*) | 3 | 4 | 2 | 1 | 1 | 6,953 | |
| 49 | Photography. | 10 | 31 | 1 | 5 | 2 | 3 | 20 | Mh | 33 | Jy | 11 | 34 | 34 | | | 176,174 | |
| 50 | Paving materials. | 7 | 98 | 6 | 4 | 5 | 5 | 83 | Oc | 152 | Fe | 16 | 138 | 136 | | | 177,592 | |
| 51 | Perfumery and cosmetics. | 8 | 11 | 4 | 2 | 2 | 1 | 4 | De | 6 | Mh | 2 | 6 | 3 | 3 | | 14,614 | |
| 52 | Photo-engraving. | 8 | 65 | 2 | 8 | 7 | 4 | 44 | My | 52 | Fe | 37 | 46 | 44 | 2 | | 140,932 | |
| 53 | Photographic materials. | 3 | 18 | 2 | 2 | 2 | 1 | 12 | De | 16 | Ja | 9 | 12 | 10 | 2 | | 39,527 | |
| 54 | Pickles, preserves, and sauces. | 17 | 324 | 10 | 21 | 26 | 11 | 256 | | | | | 268 | 133 | 128 | 3 | | 1,463,105 |
| 55 | Preserves. | 6 | 175 | 4 | 10 | 10 | 5 | 146 | Se | 336 | Fe | 55 | 142 | 71 | 71 | 4 | | 879,037 |
| 56 | Pickles and sauces. | 11 | 149 | 6 | 11 | 18 | 6 | 110 | Au | 155 | My | 92 | 128 | 62 | 57 | 3 | | 553,158 |
| 57 | Pottery, earthen and stone ware. | 3 | 14 | 2 | 1 | | | 10 | No | 18 | Ap | 1 | 17 | 17 | | | 25,392 | |
| 58 | Printing and publishing, book and job printing. | 232 | 1,488 | 222 | 120 | 166 | 72 | 906 | De | 800 | Fe | 674 | 784 | 758 | 25 | 1 | 3,105,521 | |
| 59 | Book publishing and printing. | 215 | 1,357 | 200 | 113 | 87 | 72 | 876 | De | 1,012 | Se | 724 | 987 | 718 | 240 | 22 | 2,902,034 | |
| 60 | Linotype work and typesetting. | 7 | 90 | 4 | 5 | 78 | | 3 | Ja | 4 | Fe | 2 | 3 | 3 | 3 | | 76,991 | |
| 61 | Printing and publishing, newspapers and periodicals. | 10 | 39 | 9 | 2 | 1 | | 27 | Ja | 30 | Se | 21 | 27 | 27 | | | 126,493 | |
| 62 | Printing and publishing, book and job printing, publishing. | 225 | 1,289 | 226 | 100 | 171 | 150 | 642 | De | 703 | Mh | 597 | 715 | 597 | 88 | 27 | 3,855,718 | |
| 63 | Publishing without printing. | 69 | 304 | 42 | 52 | 131 | 63 | 16 | De | 20 | Je | 13 | 22 | 18 | 3 | 1 | 285,510 | |
| 64 | Rice, cleaning and polishing. | 5 | 6 | 1 | | | | 5 | (*) | 5 | (*) | 5 | 5 | 5 | | | 23,458 | |
| 65 | Saddlery and harness. | 42 | 152 | 47 | 9 | 16 | 6 | 74 | Mh | 94 | Se | 56 | 68 | 68 | | | 550,216 | |
| 66 | Sausage, not made in slaughtering and meat-packing establishments. | 5 | 16 | 5 | | | 2 | 9 | De | 15 | Ja | 7 | 16 | 16 | | | 46,331 | |
| 67 | Saws. | 4 | 31 | 3 | 1 | 3 | | 24 | No | 29 | Ja | 21 | 23 | 28 | | | 126,152 | |

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—WASHINGTON.

129

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

| EXPENSES. | | | | | | POWER. | | | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|---|----------------------|------------------------------|---------------------|-------------------------------|-----------------|------------------------------|--|-----------------------|
| Salaries and wages. | | | Rent and taxes. | | For materials. | Value of products. | Value added by manufacturer. | Primary horsepower. | | | | Electric horsepower generated in establishments reporting. | |
| Officials. | Clerks, etc. | Wage earners. | For contract work. | Rent of factory. | Taxes, Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | Total. | Steam engines (not turbines). | Steam turbines. | Internal-combustion engines. | Water power. ¹ | Rent-ed. ² |
| | | | | | | | | | | | | | |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.³

| Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | | | | | | |
|-----------|-----------|------------|----------|-----------|------------|-----------|-------------|-------------|------------|----------|----------|----------|----------|--------|--------|-------|----|----|---|
| 1,303,509 | 516,801 | 5,881,174 | 18,390 | 166,312 | 560,405 | 7,685,303 | 410,784 | 20,801,412 | 12,705,320 | 13,838 | 379 | 237 | 188 | 300 | 12,734 | 60 | 1 | | |
| 346,238 | 92,764 | 998,278 | 600 | 44,740 | 39,556 | 1,156,006 | 56,646 | 4,049,795 | 2,837,143 | 3,876 | 50 | 87 | 111 | 300 | 3,328 | 60 | 2 | | |
| 185,064 | 56,131 | 923,592 | 308 | 12,832 | 129,777 | 1,179,849 | 123,309 | 3,139,433 | 1,830,185 | 1,507 | 8 | — | — | — | 1,499 | — | 3 | | |
| 490,862 | 202,478 | 1,965,715 | 10,880 | 97,750 | 119,965 | 3,626,561 | 101,521 | 7,726,288 | 3,998,206 | 4,474 | 66 | 150 | 72 | — | 4,186 | — | 4 | | |
| 286,647 | 165,428 | 1,993,589 | 6,602 | 10,990 | 271,077 | 1,722,892 | 129,218 | 5,885,896 | 4,033,786 | 3,981 | 255 | 5 | — | 3,721 | — | 5 | | | |
| 14,278 | 10,588 | 167,573 | 6,592 | 25,204 | 2,477 | 280,470 | 1,755 | 880,681 | 398,456 | 31 | — | 31 | — | — | 657 | — | 9 | | |
| 129,180 | 42,339 | 895,863 | 475 | 19,708 | 59,535 | 1,016,089 | 36,780 | 2,776,615 | 1,723,766 | 2,077 | 890 | 40 | 1,147 | 62 | 7 | — | — | | |
| 76,077 | 27,297 | 583,347 | — | 10,768 | 28,862 | 661,205 | 21,731 | 1,761,485 | 1,078,549 | 1,070 | 540 | 40 | 490 | 62 | 8 | — | — | | |
| 53,103 | 15,042 | 315,516 | 475 | 8,940 | 30,673 | 354,884 | 15,049 | 1,015,130 | 645,217 | 1,007 | 350 | — | — | 8 | — | 10 | — | | |
| 36,943 | 27,926 | 67,141 | 3,649 | 644 | 63 | 2,515 | 411 | 14,959 | 12,063 | — | — | — | — | 83 | — | 11 | — | | |
| 94,046 | 197,016 | 838,340 | 2,762 | 124 | 291,328 | 508,043 | 1,099,923 | 3,080,464 | 2,074,498 | 2,969 | 1,455 | 630 | 288 | 998 | 349 | 12 | — | | |
| 15,326 | 4,449 | 41,790 | — | 4,817 | 408 | 60,485 | 1,147 | 186,126 | 104,404 | 48 | — | — | — | 48 | — | 13 | — | | |
| 9,835 | 46,129 | — | — | 3,292 | 1,261 | 203,196 | 1,173 | 277,423 | 73,054 | 35 | — | — | — | 35 | — | 14 | — | | |
| 1,650 | 2,300 | 64,859 | — | 3,990 | 1,282 | 130,359 | 1,009 | 243,778 | 112,410 | 12 | — | — | — | 12 | — | 15 | — | | |
| 6,980 | 12,180 | 18,089 | 480 | 1,900 | 135 | 10,813 | 75 | 40,310 | 28,422 | 2 | — | — | — | 2 | — | 16 | — | | |
| 57,862 | 10,874 | 271,390 | — | 7,483 | 1,662 | 55,328 | 1,352 | 172,523 | 115,313 | 63 | — | — | — | 63 | — | 17 | — | | |
| 3,860 | 3,074 | 37,523 | 888 | 2,246 | 373 | 48,012 | 573 | 116,361 | 67,176 | 34 | — | — | — | 34 | — | 19 | — | | |
| 150,896 | 54,876 | 605,054 | 600 | 8,095 | 72,657 | 1,057,457 | 136,256 | 3,154,940 | 1,361,227 | 1,795 | 25 | 45 | — | 1,725 | — | 20 | — | | |
| 12,900 | 1,575 | 34,284 | 14,920 | 7,740 | 694 | 35,693 | 9,588 | 171,112 | 125,881 | 18 | — | — | — | 48 | — | 21 | — | | |
| 14,473 | 49,094 | 323,593 | 7,611 | 14,870 | 10,994 | 446,178 | 7,468 | 1,021,720 | 568,080 | 381 | — | — | — | 381 | — | 22 | — | | |
| 29,039 | 20,861 | 71,375 | 100 | 12,410 | 5,409 | 157,340 | 2,280 | 400,902 | 241,282 | 33 | — | — | — | 33 | — | 23 | — | | |
| 4,800 | 5,454 | 8,298 | 1,040 | 306 | 27,288 | 2,07 | 53,911 | 26,326 | 16 | — | — | — | 16 | — | 24 | — | | | |
| 20,555 | 10,983 | 144,254 | 8,408 | 95,206 | 51,295 | 341,361 | 194,800 | 447 | 87 | 60 | — | — | 300 | — | 23 | — | | | |
| 85,339 | 40,335 | 221,902 | 2,400 | 90,111 | 90,368 | 108,757 | 1,832,547 | 815,392 | 2,967 | 1,650 | 65 | — | — | 1,252 | 600 | 27 | — | | |
| 32,216 | 26,445 | 95,475 | 3,928 | 12,744 | 185,114 | 4,444 | 470,724 | 281,116 | — | — | — | — | 153 | — | 153 | — | 28 | | |
| 5,063,467 | 1,907,092 | 80,482,668 | 250,038 | 5,664,991 | 83,873,101 | 1,433,670 | 220,512,359 | 135,205,588 | 420,518 | 354,075 | 45,503 | 3,580 | 1,084 | 10,216 | 53,524 | 30 | — | — | |
| 331,498 | 151,551 | 2,442,734 | 2,500 | 49,183 | 239,629 | 5,970,182 | 84,145 | 10,931,701 | 4,871,374 | 11,787 | 4,110 | 2,112 | 39 | — | 5,526 | 458 | 31 | | |
| 46,182 | 27,430 | 221,688 | 1,197 | 12,021 | 17,070 | 304,192 | 15,726 | 927,588 | 607,088 | 836 | 114 | 24 | 4 | 694 | — | 32 | — | | |
| 27,140 | 21,417 | 122,098 | 1,197 | 8,870 | 9,034 | 171,146 | 7,542 | 565,842 | 387,154 | 347 | — | 9 | 4 | 334 | — | 33 | — | | |
| 19,042 | 6,013 | 98,985 | — | 3,151 | 8,036 | 133,046 | 8,184 | 304,744 | 220,514 | 439 | 114 | — | 15 | 800 | — | 34 | — | | |
| 24,445 | 20,340 | 277,418 | 225 | 13,140 | 29,815 | 721,171 | 9,936 | 1,365,252 | 634,145 | 726 | — | — | — | 726 | — | 35 | — | | |
| 11,653 | 18,740 | 118,202 | — | 11,340 | 2,883 | 239,439 | 1,908 | 407,747 | 226,400 | 48 | 2 | — | — | 40 | — | 36 | — | | |
| 7,400 | 5,225 | 41,223 | 4,300 | 1,925 | 59,509 | 645 | 147,973 | 87,729 | 21 | — | — | — | 21 | — | 37 | — | — | | |
| 4,253 | 18,515 | 76,979 | 7,040 | 958 | 179,840 | 1,263 | 319,774 | 135,671 | 27 | — | — | — | 25 | — | 38 | — | — | | |
| 20,161 | 17,399 | 165,713 | 252 | 19,341 | 30,111 | 652,035 | 19,084 | 1,256,605 | 588,486 | 431 | 184 | — | 10 | 1 | 230 | — | 34 | | |
| 600 | — | 8,320 | — | 245 | 209 | 8,304 | 882 | 18,898 | 9,622 | 121 | 100 | — | 21 | — | — | 40 | — | | |
| 5,318 | 590 | 75,215 | — | 3,570 | 996 | 23,670 | 2,279 | 144,415 | 118,466 | 93 | — | — | — | 93 | — | 41 | — | | |
| 21,073 | 5,429 | 62,035 | — | 1,715 | 52 | 831 | 29 | 6,640 | 5,780 | 2 | — | — | — | 2 | — | 42 | — | | |
| 20,028 | 15,831 | 37,244 | 1,468 | 12,147 | 2,279 | 102,000 | 459 | 204,381 | 182,434 | 465 | 440 | — | 25 | — | 43 | — | 44 | | |
| 35,400 | 18,187 | 37,420 | — | 3,050 | 4,790 | 283,737 | 3,850 | 480,783 | 219,696 | 175 | — | — | — | 26 | — | 45 | — | | |
| 232,490 | 205,780 | 2,173,628 | 4,716 | 538,094 | 4,286,770 | 778,660 | 10,653,361 | 5,590,931 | 31,809 | 6,520 | 795 | 1,800 | 22,694 | 636 | 46 | — | — | | |
| 5,575 | 6,016 | 32,804 | 2,810 | 2,682 | 2,236 | 4,107,271 | 5,078 | 189,494 | 77,145 | 87 | 77 | — | 10 | 10 | 47 | — | 48 | | |
| 4,975 | 6,016 | 30,054 | — | 1,722 | 2,163 | 104,432 | 4,998 | 176,468 | 87,038 | 87 | 77 | — | — | 10 | — | 49 | — | | |
| 7,625 | 6,864 | 78,032 | — | 2,211 | 1,812 | 36,708 | 17,823 | 209,217 | 154,686 | 812 | 664 | 75 | 3 | 70 | — | 50 | — | | |
| 2,595 | 700 | 3,525 | — | 1,355 | 360 | 19,110 | 61 | 37,074 | 17,903 | 2 | — | — | — | 2 | — | 51 | — | | |
| 29,847 | 15,595 | 90,630 | 948 | 7,125 | 1,056 | 37,693 | 2,044 | 287,562 | 247,855 | 46 | — | — | — | 46 | — | 52 | — | | |
| 4,680 | 1,716 | 10,770 | — | 2,466 | 371 | 14,220 | 730 | 52,303 | 37,353 | 5 | — | — | — | 5 | — | 53 | — | | |
| 50,489 | 59,435 | 267,659 | 8,747 | 50,165 | 1,240,958 | 14,659 | 2,041,378 | 785,761 | 262 | 3 | — | — | 257 | — | 54 | — | — | | |
| 22,544 | 25,977 | 148,400 | — | 882 | 38,430 | 722,969 | 8,447 | 1,084,428 | 353,012 | 103 | — | — | — | 103 | — | 55 | — | | |
| 27,945 | 33,458 | 119,259 | 7,865 | 11,735 | 517,989 | 6,212 | 956,050 | 432,749 | 159 | 3 | — | — | 154 | — | 56 | — | 57 | | |
| 874 | 420 | 12,929 | 550 | 35 | 5,288 | 4,389 | 28,074 | 18,399 | 47 | — | — | — | 46 | — | 57 | — | 57 | | |
| 310,047 | 252,014 | 1,192,789 | 120,771 | 134,006 | 64,861 | 1,475,340 | 35,325 | 4,710,048 | 3,199,383 | 1,041 | — | — | — | 2 | 1,039 | 58 | — | — | |
| 298,547 | 191,846 | 1,140,670 | 88,622 | 128,070 | 63,555 | 1,462,674 | 32,613 | 4,470,808 | 2,981,021 | 1,023 | — | — | — | 2 | 1,021 | 59 | — | — | |
| 6,340 | 59,908 | 4,245 | 32,149 | 2,132 | 277 | 8,617 | 255 | 122,511 | 113,639 | 5 | — | — | — | 5 | — | 60 | — | 60 | |
| 5,160 | 260 | 47,874 | — | 3,804 | 1,029 | 4,049 | 2,457 | 111,229 | 104,723 | 13 | — | — | — | 13 | — | 61 | — | 61 | |
| 637,958 | 1,259,076 | 2,250,200 | 623,478 | 192,787 | 336,927 | 2,679,459 | 118,434 | 11,954,252 | 9,156,359 | 2,488 | — | — | — | 67 | 16 | 2,405 | 62 | — | |
| 285,822 | 739,675 | 1,333,269 | 10,901 | 91,504 | 233,402 | 1,746,668 | 41,168 | 6,334,357 | 4,546,521 | 1,282 | — | — | — | — | — | 1,282 | 63 | — | — |
| 218,539 | 275,969 | 892,066 | 19,493 | | | | | | | | | | | | | | | | |

MANUFACTURES—WASHINGTON.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establish-ments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | Capital. |
|--------------------|---------------------------|---|---|--------------|---------|------------------------------|----------------------|--|--------------|---------|-----------|----------|
| | | Propri- tors and firm mem- bers. | Sala- ried offi- cers, super- in- tend- ents, and man- agers. | Clerks, etc. | | Wage earners. | | Total. | 16 and over. | | Under 16. | |
| | | | | Male. | Female. | Aver- age num- ber. | Number, 15th day of— | | Male. | Female. | Male. | Female. |
| | | | | | | | | | | | | |

* THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| | | | | | | | | | | | | | | |
|---|-----|--------|----|-----|-----|-----|--------|-----------|----------|--------|--------|-----|----|------------|
| 1 Shipbuilding, steel..... | 9 | 30,896 | — | 545 | 681 | 279 | 29,391 | Ja 39,105 | Fe 4,714 | 16,938 | 16,879 | 32 | 27 | Dollars. |
| 2 Shipbuilding, wooden, including boat building..... | 67 | 5,528 | 56 | 101 | 122 | 64 | 5,185 | Ja 8,992 | De 1,300 | 7,020 | 7,015 | 5 | | 17,703,262 |
| 3 New vessels..... | 37 | 5,094 | 35 | 74 | 112 | 58 | 4,815 | Ja 8,992 | De 1,300 | 6,677 | 6,672 | 5 | | 16,583,365 |
| 4 Repair work only..... | 15 | 312 | 6 | 18 | 8 | 5 | 275 | Au 403 | Fe 142 | 260 | 260 | | | 807,074 |
| 5 All other..... | 15 | 122 | 15 | 9 | 2 | 1 | 95 | Ja 131 | No 71 | 83 | 83 | | | 308,153 |
| 6 Signs, electric and other..... | 5 | 40 | 10 | — | 1 | — | 29 | Sa 34 | Fe 24 | 31 | 30 | 1 | | 26,089 |
| 7 Slaughtering and meat packing..... | 29 | 1,489 | 17 | 47 | 132 | 71 | 1,222 | De 1,371 | Ap 1,102 | 1,355 | 1,244 | 111 | | 12,759,109 |
| 8 Soap..... | 5 | 19 | 3 | 2 | 3 | 1 | 10 | De 18 | Mh 6 | 19 | 15 | 4 | | 99,590 |
| 9 Springs, steel, automobile..... | 3 | 24 | 2 | 2 | — | 1 | 19 | Au 20 | Ja 15 | 20 | 20 | | | 53,648 |
| 10 Statuary and art goods..... | 3 | 11 | 3 | — | — | — | 8 | No 11 | Ja 4 | 11 | 11 | | | 31,914 |
| 11 Steam packing..... | 4 | 64 | 3 | 5 | 18 | 1 | 37 | Je 47 | Ja 14 | 41 | 41 | | | 106,217 |
| 12 Stoves and hot-air furnaces..... | 8 | 155 | 5 | 9 | 5 | 5 | 131 | No 198 | Fe 55 | 152 | 152 | | | 275,417 |
| 13 Structural ironwork, not made in steel works or rolling mills..... | 8 | 210 | 7 | 10 | 13 | 1 | 179 | De 214 | Mh 155 | 205 | 205 | | | 709,989 |
| 14 Tinware, not elsewhere specified..... | 6 | 693 | 1 | 20 | 36 | 26 | 610 | Je 754 | De 402 | 401 | 274 | 126 | 1 | 5,063,362 |
| 15 Tobacco, cigars and cigarettes..... | 56 | 209 | 58 | 4 | 3 | — | 144 | De 160 | Mh 130 | 162 | 119 | 42 | 1 | 197,237 |
| 16 Tools, not elsewhere specified..... | 7 | 74 | 2 | 6 | 6 | 4 | 56 | Je 71 | Fe 25 | 78 | 76 | 2 | | 209,721 |
| 17 Toys and games..... | 6 | 38 | 7 | 3 | 1 | 1 | 26 | No 56 | Ja 9 | 59 | 27 | 32 | | 54,601 |
| 18 Trunks and valises..... | 13 | 103 | 15 | 6 | 10 | 4 | 73 | No 82 | Fe 67 | 83 | 63 | 17 | 3 | 240,982 |
| 19 Vinegar and cider..... | 19 | 140 | 15 | 18 | 6 | 3 | 98 | — | — | 104 | 102 | 2 | | 1,939,161 |
| 20 Vinegar..... | 4 | 16 | 4 | 3 | 1 | — | 8 | Oc 19 | Ja 4 | 14 | 14 | | | 94,006 |
| 21 Cider..... | 15 | 124 | 11 | 15 | 5 | 3 | 90 | Oc 191 | Fe 51 | 90 | 88 | 2 | | 1,844,235 |
| 22 Window and door screens..... | 4 | 26 | 5 | 3 | — | 1 | 17 | Je 24 | Ja 10 | 12 | 12 | | | 38,220 |
| 23 Window shades and fixtures..... | 3 | 12 | 3 | — | 1 | — | 8 | Au 9 | Ja 7 | 9 | 6 | 3 | | 46,239 |
| 24 Wooden goods, not elsewhere specified..... | 8 | 301 | 4 | 11 | 4 | 2 | 230 | Ja 232 | Fe 57 | 313 | 289 | 24 | | 1,002,800 |
| 25 All other industries * | 146 | 5,232 | 59 | 326 | 370 | 210 | 4,267 | — | — | — | — | 4 | | 49,282,908 |

| | | | | | | |
|---|-----------------------------------|--|---|---|------------|---|
| *All other industries embrace— | Carriage and wagon materials..... | 1 | Dairymen's and poultrymen's supplies..... | 1 | Glass..... | 1 |
| Aeroplanes, seaplanes, and airships, and parts..... | 1 | Carriages and sleds, children's..... | 1 | Glue, other than fish..... | 1 | |
| Automobiles..... | 4 | Cars, steam-railroad, not including operations of railroad companies..... | 2 | Gold and silver, reducing and refining, not from the ore..... | 1 | |
| Babbitt and white metal..... | 3 | Charcoal, not including production in lumber and wood distillation industries..... | 2 | Explosives..... | 2 | |
| Bags, other than paper, not including bags made in textile mills..... | 1 | Cordage and twine..... | 1 | Feathers and plumes..... | 1 | |
| Baking powders and yeast..... | 1 | Coke, not including gas-house coke..... | 3 | Ferroalloys..... | 1 | |
| Baskets, and rattan and willow ware..... | 1 | Cooperage, hogsheads and barrels..... | 3 | Fertilizers..... | 3 | |
| Blacking, stains, and dressings..... | 1 | Cordage and twine..... | 1 | Fireworks..... | 1 | |
| Bluing..... | 1 | Cordials and flavoring syrups..... | 2 | Flags and banners..... | 2 | |
| Boot and shoe findings..... | 1 | Cork, cutting..... | 1 | Flavoring extracts..... | 6 | |
| Boxes, cigar..... | 1 | Corsets..... | 1 | Fuel, briquetted..... | 1 | |
| Brushes..... | 3 | — | — | Furnishing goods, men's..... | 2 | |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

| | | | | | | | | | | | | | | | |
|---|-------|--------|-----|-------|-------|-------|--------|-----------|-----------|--------|--------|-------|----|----|-------------|
| 1 SEATTLE—All industries.... | 1,229 | 47,074 | 894 | 1,858 | 2,362 | 1,117 | 40,843 | Ja 49,001 | Fe 15,704 | 32,507 | 28,930 | 3,514 | 43 | 20 | 157,915,135 |
| 2 Artificialstone products..... | 5 | 24 | 2 | 4 | — | — | 18 | Se 26 | Ja 6 | 21 | 21 | — | — | | 115,525 |
| 3 Automobile bodies and parts..... | 21 | 204 | 21 | 13 | 4 | 7 | 159 | Je 174 | Fe 144 | 148 | 144 | 4 | | | 272,000 |
| 4 Automobile repairing..... | 85 | 551 | 83 | 54 | 18 | 27 | 388 | Jy 400 | Fe 327 | 388 | 381 | 7 | | | 645,920 |
| 5 Awnings, tents, and sails..... | 7 | 93 | 4 | 7 | 5 | 5 | 77 | Au 86 | Fe 73 | 74 | 51 | 23 | | | 393,439 |
| 6 Bookbinding and blank-book making..... | 10 | 36 | 10 | 1 | — | — | 25 | Ap 28 | Se 13 | 29 | 17 | 11 | I | | 101,124 |
| 7 Boxes, paper and other, not elsewhere specified..... | 7 | 216 | 2 | 17 | 3 | 3 | 191 | De 260 | Mh 155 | 257 | 39 | 216 | 2 | | 303,921 |
| 8 Boxes, wooden packing, except cigar boxes..... | 3 | 179 | — | 4 | 4 | 1 | 170 | No 208 | Mh 143 | 177 | 160 | 9 | 3 | | 409,009 |
| 9 Brass, bronze, and copper products..... | 12 | 172 | 8 | 18 | 8 | 5 | 133 | Au 163 | Fe 30 | 138 | 138 | — | | | 457,854 |
| 10 Bread and other bakery products..... | 117 | 1,055 | 128 | 31 | 69 | 39 | 788 | De 869 | Fe 711 | 883 | 558 | 324 | 1 | | 1,767,053 |
| 11 Brick and terra-cotta products..... | 7 | 172 | 4 | 12 | 2 | 3 | 151 | Oc 185 | Fe 107 | 196 | 196 | | | | 806,966 |
| 12 Butter..... | 10 | 129 | 3 | 23 | 17 | 13 | 73 | Je 87 | Fe 62 | 65 | 54 | 11 | | | 1,065,618 |
| 13 Canning and preserving, fish..... | 6 | 67 | 2 | 4 | 3 | 5 | 53 | Au 91 | Ja 29 | 88 | 73 | 15 | | | 833,940 |
| 14 Carpets, rag..... | 3 | 12 | 3 | — | — | — | 9 | Au 10 | Fe 8 | 10 | 10 | | | | 4,545 |
| 15 Carriages and wagons, repair work only..... | 3 | 8 | 3 | — | — | — | 5 | (4) | 5 | (4) | 5 | 5 | | | 20,850 |
| 16 Cars and general shop construction and repairs by electric-railroad companies..... | 3 | 375 | — | 6 | 7 | — | 362 | No 460 | Ja 180 | 623 | 623 | — | | | 683,402 |
| 17 Cars and general shop construction and repairs by steam-railroad companies..... | 3 | 330 | — | 15 | 5 | 10 | 300 | No 330 | Au 208 | 320 | 309 | 11 | | | 678,360 |
| 18 Clothing, men's..... | 4 | 369 | 1 | 8 | 43 | 15 | 302 | De 328 | Mh 290 | 328 | 22 | 306 | | | 1,244,122 |
| 19 Clothing, women's..... | 16 | 231 | 12 | 12 | 9 | 6 | 192 | — | — | 175 | 35 | 136 | 2 | 2 | 272,411 |
| 20 Suits, skirts, and cloaks..... | 7 | 71 | 5 | 3 | 2 | 3 | 58 | Mh 72 | No 41 | 58 | 31 | 26 | 1 | | 141,012 |
| 21 All other..... | 9 | 160 | 7 | 9 | 7 | 3 | 134 | Jy 192 | Ja 67 | 117 | 4 | 110 | 1 | 2 | 131,369 |
| 22 Coffee, roasting and grinding..... | 14 | 286 | 7 | 23 | 75 | 20 | 161 | Jy 185 | My 149 | 170 | 93 | 77 | | | 1,327,702 |
| 23 Confectionery and ice cream..... | 52 | 1,006 | 36 | 65 | 119 | 41 | 746 | De 862 | My 569 | 936 | 237 | 694 | 2 | 3 | 2,119,492 |
| 24 Confectionery..... | 44 | 915 | 32 | 53 | 114 | 37 | 679 | De 862 | My 569 | 872 | 180 | 687 | 2 | 3 | 1,933,447 |
| 25 Ice cream..... | 8 | 91 | 4 | 12 | 5 | 4 | 66 | Au 76 | De 57 | 64 | 57 | 7 | | | 180,046 |
| 26 Copper, tin, and sheet-iron work..... | 47 | 308 | 45 | 22 | 13 | 6 | 222 | Mh 259 | Fe 106 | 246 | 243 | 1 | 2 | | 650,763 |
| 27 Cutlery and edge tools..... | 3 | 10 | 2 | 1 | — | — | 7 | No 8 | Ja 6 | 8 | 7 | 1 | | | 37,776 |
| 28 Electrical machinery, apparatus, and supplies..... | 9 | 250 | 2 | 30 | 19 | 23 | 176 | Ja 264 | Fe 122 | 207 | 163 | 44 | | | 1,845,258 |

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—WASHINGTON.

131

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

| EXPENSES. | | | | | | | | | | | | POWER. | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|---|----------------------|-------------------------|--------|-------------------------------|---------------------|------------------------------|---------------------------|-----------------------|--|--|--|--|
| Salaries and wages. | | | Rent and taxes. | | | For materials. | | | Value added by manufacturer. | Primary horsepower. | | | | Electric horsepower generated in establishments reporting. | | | |
| Officials. | Clerks, etc. | Wage earners. | For contract work. | Rent of factory. | Taxes, Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | Total. | Steam engines (not turbines). | Steam turbines. | Internal-combustion engines. | Water power. ¹ | Rent-ed. ² | | | | |
| | | | | | | | | | | | | | | | | | |

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| Dollars. 2,503,430 | Dollars. 1,547,386 | Dollars. 48,728,096 | Dollars. 223,520 | Dollars. 462,869 | Dollars. 7,634,062 | Dollars. 62,417,992 | Dollars. 931,068 | Dollars. 140,980,461 | Dollars. 77,031,401 | 36,692 | 2,215 | | | | 34,477 | | 1 | |
|--------------------|--------------------|---------------------|------------------|------------------|--------------------|---------------------|------------------|----------------------|---------------------|--------|-------|-----|--------|-------|--------|-----|----|--|
| 756,246 | 301,529 | 7,325,227 | 1,479,638 | 69,835 | 345,879 | 10,558,057 | 139,100 | 25,539,328 | 14,842,169 | 14,004 | 1,634 | 131 | 12,239 | 300 | 2 | | | |
| 646,730 | 266,101 | 6,782,883 | 1,478,200 | 53,096 | 323,826 | 10,157,584 | 123,606 | 24,108,393 | 13,917,203 | 13,027 | 1,184 | 56 | 11,787 | 300 | 3 | | | |
| 45,728 | 21,028 | 408,438 | ..... | 5,083 | 18,935 | 249,071 | 13,093 | 902,654 | 640,490 | 686 | 400 | 57 | 229 | ..... | 4 | | | |
| 63,788 | 14,400 | 133,906 | 1,438 | 11,056 | 3,118 | 151,402 | 2,401 | 432,279 | 284,476 | 291 | 50 | 18 | 223 | ..... | 5 | | | |
| | 1,040 | 51,811 | 24 | 4,786 | 415 | 28,492 | 2,358 | 112,454 | 83,604 | 2 | 2 | 2 | 2 | 2 | 6 | | | |
| 105,438 | 229,988 | 1,525,702 | 2,397 | 7,306 | 113,354 | 28,972,611 | 151,941 | 34,388,584 | 5,264,132 | 3,821 | 813 | 17 | 2,991 | 7 | | | | |
| 3,680 | 4,132 | 12,047 | ..... | 360 | 818 | 46,215 | 1,834 | 98,247 | 50,138 | 125 | 100 | 25 | 25 | 8 | | | | |
| 7,800 | 1,300 | 24,669 | ..... | 2,140 | 1,674 | 31,884 | 2,737 | 95,565 | 61,444 | 62 | 62 | 62 | 10 | 10 | 9 | | | |
| | 11,134 | 322 | 386 | 6,092 | 383 | 383 | 20,078 | 19,603 | 10 | 2 | 2 | 33 | 33 | 11 | 11 | | | |
| 20,200 | 17,634 | 92,555 | ..... | 5,552 | 18,821 | 154,934 | 1,504 | 504,435 | 347,997 | 35 | 35 | 176 | 176 | 12 | | | | |
| 36,315 | 10,028 | 188,052 | 1,200 | 3,770 | 4,380 | 164,713 | 6,007 | 529,759 | 359,039 | 176 | | | | | | | | |
| 48,532 | 18,729 | 252,555 | ..... | 3,502 | 18,463 | 436,530 | 12,101 | 880,811 | 432,120 | 390 | | | 390 | 13 | | | | |
| 70,485 | 82,778 | 644,471 | ..... | 4,203 | 161,574 | 5,467,337 | 34,868 | 6,084,165 | 1,181,960 | 850 | | | 850 | 14 | | | | |
| 8,618 | 14,000 | 165,038 | 20 | 9,021 | 54,475 | 186,972 | 1,775 | 539,688 | 350,941 | 4 | | | 4 | 15 | | | | |
| 17,621 | 15,769 | 85,748 | ..... | 5,160 | 1,739 | 54,646 | 2,946 | 216,804 | 159,212 | 111 | | 0 | 105 | 16 | | | | |
| 3,600 | 1,440 | 22,241 | ..... | 1,963 | 412 | 28,379 | 1,340 | 71,773 | 42,045 | 62 | | 62 | 17 | | | | | |
| 11,303 | 21,298 | 85,712 | ..... | 11,850 | 1,623 | 170,080 | 772 | 367,163 | 196,311 | 23 | | 23 | 18 | | | | | |
| 37,280 | 17,467 | 135,270 | 1,336 | 4,074 | 56,116 | 401,759 | 23,633 | 902,492 | 477,100 | 1,147 | 210 | 13 | 924 | 2 | 19 | | | |
| 8,400 | 3,725 | 11,322 | ..... | 364 | 1,371 | 43,924 | 760 | 78,638 | 43,954 | 60 | 15 | 45 | 20 | | | | | |
| 28,880 | 13,742 | 123,948 | 1,336 | 3,710 | 54,745 | 367,535 | 22,873 | 823,854 | 433,140 | 1,087 | 195 | 18 | 879 | 2 | 21 | | | |
| 6,820 | 897 | 16,269 | ..... | 770 | 272 | 23,810 | 750 | 56,053 | 31,487 | 42 | | 42 | 42 | 22 | | | | |
| | 240 | 13,369 | ..... | 1,826 | 115 | 88,651 | 78 | 109,770 | 21,041 | 4 | | 4 | 4 | 23 | | | | |
| 44,241 | 8,977 | 381,557 | 300 | 120 | 51,403 | 288,929 | 2,156 | 943,537 | 653,039 | 1,381 | 1,126 | 200 | 55 | 185 | 24 | | | |
| 1,286,935 | 941,289 | 6,123,024 | 11,036 | 108,548 | 963,824 | 50,374,345 | 2,071,464 | 66,797,442 | 14,351,633 | 42,970 | 7,134 | 250 | 118 | 795 | 34,673 | 647 | 25 | |

| | | | |
|--|--|---|---|
| Iron and steel, steel works and rolling mills. | Mirrors, framed and unframed, not elsewhere specified. | Rubber tires, tubes, and rubber goods, not elsewhere specified. | Stereotyping and electrotyping. |
| 3 | 4 | 4 | 1 |
| Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills. | Motorcycles, bicycles, and parts. | Screws, machine. | Stoves, gas and oil. |
| 1 | 1 | 1 | 1 |
| Iron and steel, wrought pipe. | Mucilage, paste, and other adhesives, not elsewhere specified. | Shirts. | Sugar, beet. |
| Ivory, shell, and bone work, not including combs and hairpins. | Musical instruments, piano materials. | Show cases. | Surgical appliances. |
| Lapidary work. | Nets and seines. | Smelting and refining, copper. | Typewriter supplies, ribbon. |
| Lead, bar, pipe, and sheet. | Oil, linseed. | Smelting, lead. | Upholstering materials, excelsior. |
| Leather, tanned, curried, and finished. | Plumbers' supplies, not elsewhere specified. | Sporting and athletic goods. | Wall plaster and composition flooring. |
| Liquors, vinous. | Printing and publishing, music. | Stamped ware, not elsewhere specified. | Wirework, including wire rope and cable, not elsewhere specified. |
| Lubricating greases. | Pumps, not including power pumps. | Stationery goods, not elsewhere specified. | Wood preserving. |
| Machine tools. | Pumps, steam. | Steam fittings and steam and hot-water heating apparatus. | Wood, turned and carved. |
| Matches. | Refrigerators. | Stencils and brands. | Woolen goods. |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

| 7,581,242 | 5,080,157 | 63,394,584 | 3,015,328 | 1,197,859 | 10,724,763 | 146,649,664 | 3,000,711 | 274,431,239 | 124,780,864 | 90,073 | 15,133 | 3,875 | 420 | 300 | 70,340 | 3,190 | 1 |
|-----------|-----------|------------|-----------|-----------|------------|-------------|-----------|-------------|-------------|--------|--------|-------|-----|-----|--------|-------|---|
| 5,800 | 24,977 | 1,620 | 873 | 45,615 | 578 | 96,567 | 50,374 | 36 | | | | | 36 | | 2 | | |
| 73,642 | 7,637 | 240,646 | 501,739 | 15,373 | 7,808 | 236,451 | 7,984 | 642,721 | 398,286 | 170 | | | 170 | | 3 | | |
| 92,807 | 45,896 | 545,870 | 26,318 | 76,437 | 10,610 | 632,874 | 14,098 | 1,687,366 | 1,040,394 | 364 | | | 304 | | 4 | | |
| 26,650 | 11,896 | 123,290 | 1,614 | 12,483 | 30,652 | 570,906 | 787 | 842,308 | 270,615 | 44 | | | 44 | | 5 | | |
| 1,300 | 11,178 | 31,266 | 1,400 | 4,035 | 1,443 | 22,656 | 887 | 97,228 | 73,705 | 15 | | | 15 | | 6 | | |
| 57,393 | 7,363 | 148,714 | ..... | 11,892 | 5,184 | 202,619 | 2,855 | 541,730 | 336,256 | 106 | | | 106 | | 7 | | |
| 27,283 | 7,706 | 197,737 | ..... | 6,900 | 8,328 | 456,794 | 4,500 | 761,392 | 300,098 | 915 | 465 | | 450 | | 8 | | |
| 79,874 | 10,613 | 247,577 | 20,608 | 9,827 | 8,039 | 817,567 | 16,803 | 1,380,955 | 546,785 | 245 | | | 245 | | 9 | | |
| 151,157 | 156,311 | 1,024,067 | 11,957 | 116,435 | 84,205 | 4,179,938 | 96,233 | 6,817,522 | 2,541,301 | 690 | | | 690 | | 10 | | |
| 21,201 | 5,919 | 219,743 | ..... | 6,000 | 8,506 | 34,463 | 51,830 | 422,566 | 336,273 | 900 | 350 | | 550 | | 11 | | |
| 50,865 | 39,870 | 108,010 | ..... | 12,128 | 22,296 | 2,053,970 | 12,957 | 2,386,018 | 319,091 | 342 | | | 342 | | 12 | | |
| 10,170 | 7,191 | 62,931 | 300 | 5,677 | 6,619 | 562,195 | 14,038 | 704,677 | 128,444 | 84 | | | 84 | | 13 | | |
| | 13,182 | 750 | 206 | 5,775 | 708 | 5,775 | 18,464 | 24,970 | 18,457 | 28 | 10 | | 10 | | 14 | | |
| | 6,665 | 1,752 | 203 | 8,820 | 1,182 | 23,511 | 13,509 | 22 | | | | | 22 | | 15 | | |
| 11,675 | 5,045 | 546,275 | ..... | 2,350 | 289,908 | 18,000 | 873,233 | 565,845 | 900 | | | | 900 | | 16 | | |
| 42,687 | 17,899 | 394,657 | ..... | 9,647 | 235,254 | 42,153 | 742,297 | 464,890 | 376 | | | | | | 17 | | |
| 36,506 | 67,301 | 254,942 | 11,882 | 109,140 | 367,980 | 2,464 | 1,391,696 | 1,011,172 | 82 | | | | | | 18 | | |
| 32,685 | 15,401 | 185,892 | 6,088 | 14,121 | 11,243 | 459,280 | 1,540 | 830,707 | 375,887 | 52 | | | | | 19 | | |
| 10,983 | 7,394 | 90,731 | 5,588 | 6,646 | 5,536 | 222,254 | 502 | 381,308 | 158,552 | 9 | | | | | 20 | | |
| 21,712 | 8,007 | 95,161 | 500 | 7,475 | 1,547 | 237,026 | 1,038 | 455,399 | 217,335 | 43 | | | | | 21 | | |
| 84,615 | 202,730 | 172,783 | 300,294 | 28,691 | 19,216 | 2,410,339 | 9,187 | 3,297,246 | 877,720 | 242 | | | | | 22 | | |
| 203,802 | 316,788 | 730,843 | 15,743 | 63,195 | 141,778 | 2,737,928 | 37,231 | 5,257,504 | 2,452,345 | 564 | | | | | 23 | | |
| 155,152 | 302,658 | 618,150 | 15,743 | 58,405 | 136,026 | 2,210,099 | 25,923 | 4,301,444 | 2,065,422 | 332 | | | | | 24 | | |
| 45,650 | 14,120 | 112,693 | ..... | 4,790 | 5,752 | 527,829 | 11,308 | 956,060 | 416,923 | 232 | | | | | 25 | | |
| 86,065 | 28,657 | 857,477 | 200 | 22,054 | 20,898 | 649,594 | 4,464 | 1,392,980 | 739,922 | 174 | | | | | 26 | | |
| 1,200 | 16,166 | 1,920 | 272 | 12,932 | 800 | 37,300 | 23,568 | 28 | | | | | | | 27 | | |
| 70,534 | 39,083 | 184,934 | ..... | 8,068 | 26,650 | 618,346 | 5,189 | 1,024,794 | 401,259 | 613 | | | | | 28 | | |

MANUFACTURES—WASHINGTON.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establish-ments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | |
|--------------------|---------------------------|----------------------------------|---|---|--------------|---------|------------------------------|----------------------|-------------------|--|--------------|---------|-----------|----------|
| | | Total. | Propri- tors and firm mem- bers. | Salari- ed offi- cers, super- in- ten- dents, and man- agers. | Clerks, etc. | | Wage earners. | | | Total. | 16 and over. | | Under 16. | |
| | | | | | Male. | Female. | Ave- rage num- ber. | Number, 15th day of— | Maximum month. | | Male. | Female. | Male. | Female. |
| | | | | | | | | | | | | | | Capital. |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| | | | | | | | | | | | | | | |
|----|---|-----|--------|-----|-----|-----|-----|--------|-------|-------|-------|--------|--------|-----------|
| 1 | SEATTLE—Continued. | | | | | | | | | | | | | Dollars. |
| 2 | Engines, steam, gas, and water..... | 8 | 471 | 3 | 39 | 23 | 8 | 398 | Jy | 571 | Fe | 30 | 455 | 455 |
| 3 | Flour-mill and gristmill products..... | 11 | 790 | 2 | 48 | 185 | 51 | 559 | No | 624 | Je | 525 | 576 | 532 |
| 4 | Food preparations, not elsewhere specified..... | 17 | 97 | 11 | 9 | 12 | 5 | 60 | Jy | 25 | Ja | 23 | 66 | 37 |
| 5 | Macaroni, vermicelli, and noodles..... | 6 | 33 | 3 | 3 | 2 | 1 | 24 | Ja | 4 | 23 | 24 | 18 | 6 |
| 6 | All other..... | 11 | 64 | 8 | 6 | 10 | 4 | 36 | Ja | 44 | De | 26 | 41 | 19 |
| 7 | Foundry and machine-shop products..... | 93 | 2,777 | 55 | 174 | 172 | 51 | 2,325 | Ja | 663 | Fe | 32 | 2,457 | 2,452 |
| 8 | Boiler shops..... | 7 | 520 | 5 | 22 | 28 | 6 | 459 | Ja | 449 | Fe | 52 | 508 | 507 |
| 9 | Foundries..... | 14 | 409 | 11 | 34 | 12 | 5 | 347 | Ja | 1,101 | Fe | 546 | 391 | 390 |
| 10 | Machine shops..... | 66 | 1,152 | 37 | 97 | 79 | 27 | 912 | Ja | 1,101 | Fe | 546 | 939 | 938 |
| 11 | Machine shop and foundry combined..... | 6 | 696 | 2 | 21 | 53 | 13 | 607 | Ja | 730 | Fe | 281 | 619 | 617 |
| 12 | Fur goods..... | 13 | 104 | 13 | 4 | 4 | 6 | 77 | Oc | 88 | Mh | 67 | 81 | 31 |
| 13 | Furniture..... | 27 | 270 | 22 | 21 | 11 | 2 | 214 | ..... | ..... | ..... | ..... | 263 | 247 |
| 14 | Wood, other than rattan and willow..... | 15 | 133 | 15 | 12 | 7 | — | 99 | Au | 124 | Ja | 67 | 120 | 114 |
| 15 | All other..... | 12 | 137 | 7 | 9 | 4 | 2 | 115 | De | 130 | Fe | 97 | 133 | 133 |
| 16 | Glass, cutting, staining, and ornamenting..... | 6 | 44 | 3 | 7 | 3 | 2 | 29 | De | 35 | Ja | 23 | 37 | 35 |
| 17 | Gloves and mittens, leather..... | 4 | 33 | 4 | 1 | 1 | — | 27 | No | 32 | Ja | 23 | 32 | 19 |
| 18 | Ice, manufactured..... | 6 | 85 | — | 10 | 2 | 2 | 71 | Jy | 89 | Ap | 58 | 79 | 79 |
| 19 | Iron and steel forgings, not made in steel works or rolling mills..... | 8 | 355 | 2 | 24 | 18 | 6 | 305 | Ja | 487 | Fe | 97 | 263 | 263 |
| 20 | Iron and steel, welding..... | 6 | 24 | 8 | 4 | 2 | 1 | 9 | (4) | 9 | 9 | 9 | 9 | 9 |
| 21 | Jewelry..... | 11 | 250 | 10 | 7 | 10 | 20 | 203 | Ja | 240 | Fe | 146 | 199 | 142 |
| 22 | Knit goods..... | 5 | 86 | 2 | 8 | 6 | 3 | 67 | De | 115 | Ap | 33 | 115 | 95 |
| 23 | Lamps..... | 3 | 7 | 2 | — | — | 1 | 4 | De | 8 | Ja | 2 | 9 | 7 |
| 24 | Leather goods, not elsewhere specified..... | 3 | 11 | 3 | 2 | — | — | 6 | De | 7 | Ja | 4 | 7 | 6 |
| 25 | Lumber, planing-mill products, not including planing mills connected with sawmills..... | 28 | 2,375 | 6 | 77 | 51 | 23 | 2,218 | Se | 2,569 | Fe | 1,577 | 2,399 | 2,304 |
| 26 | Marble and stone work, monuments and tombstones..... | 5 | 40 | 4 | 2 | 2 | 2 | 30 | Oc | 336 | Fe | 223 | 301 | 298 |
| 27 | Mattresses and spring beds, not elsewhere specified..... | 5 | 129 | 2 | 7 | 9 | 3 | 108 | No | 132 | Mh | 93 | 130 | 105 |
| 28 | Mineral and carbonated waters..... | 10 | 48 | 13 | 1 | 2 | 2 | 30 | Jy | 39 | Ja | 23 | 28 | 28 |
| 29 | Models and patterns, not including paper patterns..... | 7 | 39 | 11 | 2 | 2 | — | 24 | Au | 32 | Fe | 10 | 26 | 26 |
| 30 | Optical goods..... | 7 | 57 | 3 | 4 | 6 | 9 | 35 | De | 38 | Fe | 29 | 38 | 36 |
| 31 | Patent medicines and compounds..... | 6 | 11 | 4 | 2 | — | 1 | 4 | Se | 5 | No | 3 | 4 | 4 |
| 32 | Perfumery and cosmetics..... | 5 | 8 | 2 | 2 | 1 | — | 3 | Jy | 4 | Ja | 2 | 5 | 3 |
| 33 | Pickles, preserves, and sauces..... | 8 | 121 | 4 | 11 | 15 | 6 | 85 | Au | 110 | Fe | 56 | 90 | 88 |
| 34 | Printing and publishing, book and job printing..... | 110 | 788 | 97 | 77 | 79 | 36 | 479 | De | 549 | Se | 285 | 545 | 409 |
| 35 | Job printing..... | 101 | 695 | 92 | 72 | 36 | 36 | 459 | De | 549 | Se | 285 | 523 | 388 |
| 36 | Book publishing and printing Linotype work and typesetting..... | 4 | 47 | 2 | 3 | 42 | — | — | Ja | 22 | Se | 13 | 21 | 20 |
| 37 | Printing and publishing, newspapers and periodicals..... | 5 | 26 | 3 | 2 | 1 | — | 20 | Ja | 22 | Se | 13 | 21 | 20 |
| 38 | Printing and publishing, newspapers and periodicals..... | 67 | 1,103 | 44 | 75 | 351 | 150 | 483 | De | 474 | Fe | 355 | 522 | 498 |
| 39 | Printing and publishing..... | 8 | 859 | 3 | 31 | 298 | 105 | 422 | De | 474 | Fe | 355 | 456 | 443 |
| 40 | Printing, publishing, and job printing..... | 14 | 116 | 14 | 14 | 20 | 10 | 58 | Mh | 61 | Se | 54 | 63 | 54 |
| 41 | Publishing without printing..... | 45 | 128 | 27 | 30 | 33 | 35 | 5 | (4) | 3 | (4) | 3 | 3 | 1 |
| 42 | Rice, cleaning and polishing..... | 5 | 6 | 1 | — | — | — | 5 | (4) | 5 | (4) | 5 | 5 | 5 |
| 43 | Shipbuilding, wooden, including boat building..... | 28 | 2,553 | 14 | 45 | 33 | 26 | 2,430 | ..... | ..... | ..... | 2,795 | 2,795 | 8,060,934 |
| 44 | New vessels..... | 11 | 2,333 | 5 | 29 | 32 | 21 | 2,246 | Ja | 3,511 | De | 814 | 2,603 | 2,603 |
| 45 | Repair work only..... | 8 | 112 | 4 | 7 | 4 | 4 | 93 | Ap | 109 | Jy | 70 | 113 | 113 |
| 46 | Small boats and masts, spars, cars, and rigging..... | 9 | 108 | 5 | 9 | 2 | 1 | 91 | Ja | 129 | No | 71 | 79 | 79 |
| 47 | Slaughtering and meat packing..... | 4 | 612 | 2 | 21 | 63 | 33 | 603 | Ja | 601 | Jy | 466 | 515 | 6,985,123 |
| 48 | Tobacco, cigars..... | 8 | 72 | 7 | 2 | 2 | — | 61 | De | 75 | Mh | 50 | 52 | 51 |
| 49 | Toys and games..... | 3 | 32 | 5 | 3 | — | 1 | 23 | No | 53 | Ja | 8 | 54 | 30 |
| 50 | Trunks and valises..... | 10 | 103 | 13 | 6 | 10 | 4 | 70 | No | 80 | Fe | 63 | 80 | 60 |
| 51 | Window shades and fixtures..... | 3 | 12 | 3 | 3 | 1 | — | 8 | Ap | 9 | Ja | 7 | 9 | 6 |
| 52 | All other industries *..... | 221 | 27,140 | 130 | 773 | 892 | 424 | 24,921 | ..... | ..... | ..... | 14,696 | 13,705 | 980 |

| | | | | | | |
|---|---|---|--|---|--|---|
| * All other industries embrace— | Cars, steam-railroad, not including operations of railroad companies..... | 1 | Feathers and plumes..... | 1 | Hardware, builders' and vehicle hardware..... | 2 |
| Aeroplanes, seaplanes, and airships, and parts..... | Chemicals..... | 6 | Fireworks..... | 1 | Hats and caps, other than felt, straw, and wool..... | 2 |
| Artificial limbs..... | China decorating, decoupage work..... | 3 | Flavoring extracts..... | 3 | Hats, fur-felt..... | 1 |
| Automobiles..... | Cleansing preparations..... | 2 | Furnishing goods, men's | 2 | Hats, wool-felt..... | 1 |
| Babbitt and white metal..... | Coffins, burial cases, and undertakers' goods..... | 2 | Furs, dressed..... | 1 | House-furnishing goods, comforts and quilts..... | 1 |
| Bags, other than paper, not including bags made in textile mills..... | Cordage and twine..... | 1 | Galvanizing..... | 1 | Instruments, professional and scientific..... | 3 |
| Baskets, and rattan and willow ware..... | Cordials and flavoring syrups..... | 1 | Gas and electric fixtures..... | 3 | Iron and steel, steel works and rolling mills..... | 2 |
| Bleeding, leather..... | Cork, cutting..... | 1 | Gas, illuminating and heating..... | 1 | Iron and steel, bolts, nuts, washers, and rivets, not made in rolling mills..... | 1 |
| Blacking, stains, and dressings..... | Corsets..... | 1 | Gloves and mittens, cloth, not including gloves made in textile mills..... | 1 | Iron and steel, wrought pipe..... | 1 |
| Blining..... | Dental goods..... | 1 | Glue, other than fish..... | 1 | Ivory, shell, and bone work, not including combs and hairpins..... | 2 |
| Boot and shoe findings..... | Druggists' preparations..... | 1 | Gold and silver, reducing and refining, not from the ore..... | 1 | Lapidary work..... | 1 |
| Boots and shoes..... | Electroplating..... | 4 | Grease and tallow, not including lubricating greases..... | 1 | | |
| Brooms, from broom corn..... | Engraving, steel and copper plate, including plate printing..... | 2 | Hair work..... | 1 | | |
| Brushes..... | Fancy articles, not elsewhere specified..... | 1 | Hand stamps..... | 4 | | |
| Buttons..... | Canning and preserving, fruits..... | 1 | | | | |

1 Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).

2 Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—WASHINGTON.

133

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

| EXPENSES. | | | | | | POWER. | | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|---|----------------------|-------------------------|--------------------|-----------------------------|--------|--|--------|
| Salaries and wages. | | | Rent and taxes. | | | For materials. | | | Primary horsepower. | | | |
| Officials. | Clerks, etc. | Wage earners. | For contract work. | Rent of factory. | Taxes, Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | Value of products. | Value added by manufacture. | Total. | Owned. | |
| | | | | | | | | | | | Steam engines (not turbines). Steam turbines. Internal-combustion engines. Water power. ¹ Rented. | |
| 22,375 | 29,292 | 55,521 | 8,748 | 3,471 | 466,975 | 8,794 | 755,555 | 279,786 | 214 | | 214 | |
| 7,800 | 3,360 | 26,025 | 2,610 | 2,241 | 148,963 | 4,441 | 219,998 | 66,694 | 131 | | 131 | |
| 14,575 | 25,932 | 29,496 | 6,138 | 1,230 | 318,012 | 4,353 | 535,557 | 213,192 | 83 | | 83 | |
| 663,314 | 382,558 | 3,883,453 | 9,834 | 125,481 | 273,068 | 5,400,727 | 239,431 | 14,153,684 | 8,513,496 | 9,233 | 150 | 115 |
| 20,580 | 74,465 | 780,210 | 36,760 | 30,138 | 876,345 | 47,565 | 3,359,957 | 2,436,047 | 3,054 | 300 | 2,649 | |
| 122,157 | 29,078 | 558,550 | 308 | 9,326 | 20,289 | 467,739 | 45,822 | 1,476,987 | 963,426 | 542 | 300 | 2,649 |
| 422,160 | 176,113 | 1,511,639 | 3,905 | 70,003 | 105,982 | 3,048,125 | 66,771 | 6,223,191 | 3,108,295 | 3,077 | 10 | 3,517 |
| 111,455 | 102,902 | 1,033,154 | 5,621 | 9,392 | 116,770 | 1,008,548 | 79,273 | 3,088,549 | 2,005,728 | 2,010 | | 2,010 |
| 9,350 | 10,588 | 98,769 | 3,670 | 15,214 | 1,223 | 154,362 | 658 | 372,294 | 217,276 | 15 | | 15 |
| 53,032 | 16,421 | 297,740 | 475 | 11,659 | 19,285 | 369,057 | 11,442 | 976,880 | 596,381 | 593 | 150 | 443 |
| 30,029 | 9,475 | 136,141 | 4,350 | 17,021 | 237,995 | 7,311 | 523,480 | 278,174 | 347 | 150 | 197 | |
| 23,003 | 6,946 | 161,599 | 475 | 7,300 | 2,264 | 131,062 | 4,131 | 453,400 | 318,207 | 246 | | 246 |
| 15,326 | 4,449 | 41,790 | 4,817 | 408 | 80,485 | 1,147 | 188,126 | 104,494 | 48 | | 48 | |
| 1,680 | 500 | 38,296 | 3,660 | 318 | 64,321 | 517 | 130,859 | 66,021 | 7 | | 7 | |
| 20,182 | 4,825 | 98,689 | 1,725 | 16,600 | 12,744 | 47,039 | 252,718 | 192,935 | 1,617 | | 1,617 | |
| 136,123 | 52,438 | 538,789 | 600 | 8,515 | 70,418 | 1,562,083 | 125,101 | 2,934,249 | 1,247,065 | 1,572 | 10 | 20 |
| 12,900 | 1,576 | 17,981 | 4,346 | 495 | 21,230 | 6,822 | 108,146 | 80,094 | 24 | | 24 | |
| 14,473 | 45,275 | 307,253 | 5,111 | 10,869 | 436,582 | 6,960 | 972,783 | 528,241 | 370 | | 370 | |
| 20,587 | 15,438 | 54,529 | 100 | 12,110 | 3,142 | 134,284 | 1,730 | 286,853 | 160,839 | 15 | | 15 |
| 936 | 936 | 8,298 | 1,040 | 306 | 27,288 | 297 | 53,911 | 26,326 | 16 | | 16 | |
| 4,800 | 5,454 | ----- | 1,526 | 190 | 26,135 | 122 | 41,906 | 15,739 | 4 | | 4 | |
| 383,552 | 135,815 | 8,595,755 | 56,907 | 24,204 | 325,389 | 6,653,601 | 48,213 | 12,737,497 | 6,035,683 | 15,167 | 8,494 | 3,300 |
| 63,096 | 43,726 | 465,731 | 17,118 | 76,491 | 1,103,310 | 17,627 | 2,083,733 | 962,796 | 1,547 | 537 | 1,010 | 350 |
| 2,700 | 5,226 | 43,186 | 5,807 | 1,321 | 25,470 | 1,731 | 155,948 | 128,747 | 123 | | 123 | |
| 14,600 | 16,420 | 138,028 | 3,000 | 24,324 | 367,498 | 4,387 | 794,401 | 422,536 | 230 | | 230 | |
| 3,600 | 3,656 | 45,215 | 6,677 | 5,213 | 170,516 | 3,378 | 341,139 | 167,247 | 49 | 10 | 39 | |
| 8,778 | 590 | 57,228 | 8,387 | 430 | 18,231 | 1,585 | 106,860 | 87,044 | 64 | | 64 | |
| 17,814 | 13,420 | 27,237 | 1,468 | 10,725 | 1,556 | 74,793 | 539 | 186,175 | 110,843 | 18 | | 18 |
| 1,475 | 2,387 | 3,588 | 1,520 | 63 | 14,729 | 228 | 28,254 | 13,297 | | | 31 | |
| 2,595 | 700 | 2,947 | 780 | 346 | 10,653 | 10 | 24,081 | 13,418 | 2 | | 32 | |
| 20,341 | 43,243 | 8,441 | 4,775 | 30,979 | 733,330 | 6,837 | 1,111,643 | 371,476 | 127 | | 127 | |
| 203,247 | 140,185 | 662,107 | 37,087 | 77,302 | 25,582 | 763,338 | 15,865 | 2,552,383 | 1,773,180 | 554 | | 554 |
| 195,047 | 87,465 | 622,308 | 73,023 | 73,260 | 24,348 | 754,190 | 14,795 | 2,393,892 | 1,624,907 | 543 | | 543 |
| 3,040 | 52,400 | ----- | 14,064 | 1,648 | 192 | 6,328 | 26 | 77,965 | 71,143 | 4 | | 4 |
| 5,160 | 280 | 39,739 | 2,394 | 542 | 2,322 | 1,044 | 80,496 | 77,130 | 7 | | 7 | |
| 285,403 | 670,066 | 1,006,853 | 235,119 | 91,583 | 223,091 | 1,391,414 | 29,579 | 5,646,748 | 4,225,755 | 966 | | 906 |
| 182,190 | 544,025 | 929,798 | 8,459 | 75,495 | 220,542 | 1,312,206 | 27,585 | 4,728,251 | 3,388,460 | 901 | | 901 |
| 20,963 | 26,902 | 75,195 | 11,338 | 5,320 | 658 | 66,120 | 1,094 | 305,427 | 237,313 | 65 | | 65 |
| 82,250 | 99,049 | 1,800 | 215,322 | 10,709 | 1,891 | 13,088 | ----- | 613,070 | 599,982 | | | 41 |
| 5,593 | 5,593 | ----- | 2,020 | 547 | 300,218 | 795 | | 328,639 | 22,626 | 34 | | 42 |
| 267,898 | 125,642 | 2,985,463 | 1,475,818 | 50,403 | 159,189 | 4,157,003 | 54,323 | 11,093,450 | 6,882,124 | 5,967 | 470 | 5,502 |
| 319,405 | 102,970 | 2,987,617 | 1,474,380 | 85,881 | 152,087 | 8,889,921 | 49,766 | 10,325,590 | 6,385,903 | 5,533 | 420 | 5,113 |
| 12,705 | 8,272 | 167,880 | 3,886 | 4,096 | 121,842 | 2,486 | | 349,326 | 224,998 | 210 | 25 | 185 |
| 63,783 | 14,400 | 129,968 | 1,438 | 10,636 | 3,006 | 145,240 | 2,071 | 418,534 | 271,223 | 254 | 50 | 204 |
| 98,083 | 82,824 | 675,750 | 20 | 2,288 | 42,906 | 15,478,008 | 51,399 | 18,031,098 | 2,501,601 | 1,438 | 400 | 1,038 |
| 5,618 | 12,000 | 72,788 | 3,160 | 22,627 | 71,270 | 272 | 258,044 | 186,502 | 1 | | 1 | |
| 3,600 | 1,040 | 20,320 | 1,873 | 241 | 25,678 | 1,139 | 64,007 | 37,190 | 42 | | 42 | |
| 11,303 | 21,298 | 81,572 | 10,950 | 1,491 | 165,170 | 760 | 349,724 | 133,794 | 22 | | 22 | |
| 240 | 13,369 | ----- | 1,828 | 115 | 88,651 | 78 | 109,770 | 21,041 | 4 | | 51 | |
| 3,440,400 | 1,888,365 | 40,820,224 | 233,468 | 222,378 | 8,556,257 | 62,110,056 | 1,858,605 | 134,969,829 | 71,001,168 | 36,631 | 4,242 | 405 |
| | | | | | | | | | | | 280 | 31,704 |
| | | | | | | | | | | | | 988 |
| | | | | | | | | | | | | 52 |

* Same number reported for one or more other months.

† Same number reported throughout the year.

| | | | | | | | |
|--|----|--|---|--|---|---|---|
| Lead, bar, pipe, and sheet..... | 1 | Paints..... | 4 | Shirts..... | 2 | Surgical appliances..... | 3 |
| Leather, tanned, curried, and finished..... | 1 | Photo-engraving..... | 4 | Show cases..... | 1 | Tinware, not elsewhere specified..... | 5 |
| Liquors, malt..... | 2 | Photographic materials..... | 2 | Signs..... | 4 | Tools, not elsewhere specified..... | 1 |
| Lithographing..... | 2 | Plumbers' supplies, not elsewhere specified..... | 1 | Soap..... | 3 | Typewriter supplies, ribbon..... | 1 |
| Looking-glass and picture frames..... | 6 | Pottery, earthen and stone ware..... | 1 | Springs, steel, automobile..... | 2 | Upholstering materials, excelsior..... | 2 |
| Lubricating greases..... | 1 | Printing and publishing, music..... | 2 | Stationery goods, not elsewhere specified..... | 1 | Vinegar and cider..... | 1 |
| Machine tools..... | 1 | Pumps, not including power pumps..... | 1 | Statuary and art goods..... | 2 | Wall plaster and composition flooring..... | 3 |
| Milinery and lace goods, not elsewhere specified..... | 10 | Pumps, steam..... | 1 | Steam fittings and steam and hot-water heating apparatus..... | 1 | Window and door screens..... | 1 |
| Mirrors, framed and unframed, not elsewhere specified..... | 2 | Rubber tires, tubes, and rubber goods, not elsewhere specified..... | 1 | Steam packing..... | 3 | Wirework, including wire rope and cable, not elsewhere specified..... | 3 |
| Motorcycles, bicycles, and parts..... | 1 | Saddlery and harnesses..... | 4 | Stereotyping and electrotyping..... | 1 | Wood preserving..... | 1 |
| Mucilage, paste, and other adhesives, not elsewhere specified..... | 2 | Sausage, not made in slaughtering and meat-packing establishments..... | 4 | Stoves and hot-air furnaces..... | 3 | Wood, turned and carved..... | 1 |
| Musical instruments and materials, not elsewhere specified..... | 3 | Saws..... | 3 | Stoves, gas and oil..... | 1 | Wooden goods, not elsewhere specified..... | 4 |
| Nets and seines..... | 1 | Screws, machine..... | 1 | Structural ironwork, not made in steel works or rolling mills..... | 5 | Wool pulling..... | 1 |
| Shipbuilding, steel..... | | Shipbuilding, steel..... | 6 | Oil, linseed..... | 1 | | |

MANUFACTURES—WASHINGTON.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY | Number of establishments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | Capital. | |
|-------------------|--------------------------|----------------------------------|-------------------------------|---|--------------|---------|-----------------|----------------------|----------------|--|--------------|---------|-----------|----------|--|
| | | Total. | Proprietors and firm members. | Salaries officers, superintendents, and managers. | Clerks, etc. | | Wage earners. | | | Total. | 16 and over. | | Under 16. | | |
| | | | | | Male. | Female. | Average number. | Number, 15th day of— | | | Male. | Female. | Male. | Female. | |
| | | | | | | | | Maximum month. | Minimum month. | | | | | | |
| | | | | | | | | | | | | | | | |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| | | | | | | | | Oc | Mh | 4,268 | 5,289 | 4,217 | 1,055 | 12 | 5 | Dollars 27,040,500 | |
|----|--|-----|-------|-----|-----|-----|-----|-------|-----|-------|-------|-------|-------|-------|-------|-----------------------|-----------|
| 1 | SPOKANE—All industries..... | 364 | 6,145 | 277 | 284 | 556 | 276 | 4,752 | Oc | 5,302 | Mh | 4,268 | 5,289 | 4,217 | 1,055 | 12 | 5 |
| 2 | Artificial stone products..... | 3 | 10 | 4 | 1 | — | — | 5 | Je | 9 | Ja | 1 | 7 | 7 | — | — | 17,853 |
| 3 | Automobile bodies and parts..... | 8 | 52 | 6 | 3 | 1 | 1 | 41 | My | 48 | Fe | 33 | 42 | 42 | — | — | 147,268 |
| 4 | Automobile repairing..... | 46 | 306 | 45 | 6 | 5 | 4 | 246 | Se | 297 | Ja | 189 | 280 | 278 | 1 | 1 | 150,403 |
| 5 | Boxes, wooden packing, except cigar boxes..... | 4 | 221 | — | 10 | 3 | 5 | 203 | Se | 255 | Mh | 170 | 204 | 185 | 19 | — | 854,593 |
| 6 | Bread and other bakery products..... | 26 | 419 | 22 | 13 | 37 | 16 | 331 | De | 389 | Ja | 276 | 393 | 249 | 144 | — | 806,085 |
| 7 | Butter..... | 5 | 169 | — | 6 | 23 | 13 | 114 | Jy | 126 | Ja | 103 | 135 | 113 | 22 | — | 598,529 |
| 8 | Confectionery and ice cream..... | 14 | 589 | 8 | 16 | 41 | 27 | 497 | Oc | 612 | Ja | 404 | 502 | 188 | 374 | — | 1,222,939 |
| 9 | Copper, tin, and sheet-iron work..... | 15 | 106 | 18 | 7 | 6 | 2 | 73 | No | 92 | Fe | 50 | 72 | 72 | — | 282,112 | |
| 10 | Flour-mill and gristmill products..... | 6 | 160 | 2 | 11 | 29 | 8 | 110 | De | 146 | Jy | 78 | 146 | 143 | 3 | — | 3,998,476 |
| 11 | Food preparations, not elsewhere specified..... | 9 | 22 | 4 | 8 | — | 1 | 0 | Je | 11 | Fe | 7 | 13 | 7 | 6 | — | 66,513 |
| 12 | Foundry and machine-shop products..... | 22 | 183 | 14 | 14 | 2 | 6 | 147 | Ap | 24 | No | 15 | 162 | 162 | — | 349,292 | |
| 13 | Foundries..... | 4 | 27 | 6 | 1 | — | — | 20 | Je | 150 | Ja | 103 | 134 | 28 | — | 15,911 | |
| 14 | Machine shops..... | 18 | 156 | 8 | 13 | 2 | 6 | 127 | Oc | 41 | Ap | 19 | 40 | 13 | 27 | — | 333,381 |
| 15 | Fur goods..... | 5 | 37 | 5 | 3 | — | — | 29 | My | 44 | Ja | 33 | 38 | 38 | — | 94,029 | |
| 16 | Furniture..... | 13 | 55 | 12 | 4 | 1 | — | 38 | Au | 62 | Ja | 4 | 6 | 5 | — | 65,802 | |
| 17 | Hand stamps..... | 3 | 10 | 4 | — | — | — | 6 | (1) | 6 | (1) | 6 | 6 | 1 | — | 9,765 | |
| 18 | Iron and steel, welding..... | 4 | 8 | 5 | — | — | — | 3 | (4) | 3 | (4) | 3 | 3 | 3 | — | 5,883 | |
| 19 | Lumber, planing-mill products, not including planing mills connected with sawmills..... | 10 | 373 | 4 | 12 | 14 | 8 | 340 | Oc | 420 | Ap | 282 | 378 | 358 | 20 | — | 1,036,769 |
| 20 | Marble and stone work, monuments and tombstones..... | 4 | 22 | 1 | 5 | 8 | — | 18 | Oc | 18 | Ja | 5 | 14 | 14 | — | 43,099 | |
| 21 | Mattresses and spring beds, not elsewhere specified..... | 3 | 21 | — | 2 | 1 | — | 18 | No | 22 | Ja | 13 | 20 | 18 | 2 | — | 59,635 |
| 22 | Mineral and carbonated waters..... | 6 | 30 | 7 | 3 | 8 | 1 | 16 | Jy | 25 | Ja | 10 | 14 | 14 | — | 55,106 | |
| 23 | Pickles and sauces..... | 3 | 18 | 2 | 2 | 1 | — | 13 | Au | 62 | Ja | 4 | 21 | 10 | 4 | 3 | 4,104 |
| 24 | Printing and publishing, book and job printing and publishing, newspapers and periodicals..... | 39 | 273 | 38 | 12 | 41 | 12 | 170 | De | 201 | Fe | 155 | 193 | 147 | 45 | 1 | 743,484 |
| 25 | Saddlery and harness..... | 11 | 486 | 8 | 29 | 159 | 107 | 183 | De | 208 | Mh | 158 | 212 | 198 | 14 | — | 2,168,818 |
| 26 | Tobacco, cigars..... | 4 | 13 | 6 | 1 | — | — | 6 | No | 8 | Ja | 4 | 8 | 8 | — | 25,914 | |
| 27 | Vinegar and cider..... | 10 | 42 | 10 | 2 | 1 | — | 29 | Se | 31 | Ja | 28 | 31 | 21 | 10 | — | 37,229 |
| 28 | All other industries*..... | 86 | 2,483 | 50 | 106 | 181 | 86 | 2,080 | — | — | — | 2,261 | 1,890 | 364 | 6 | 1 | 798,270 |
| | | | | | | | | | | | | | | | | 13,347,120 | |

* All other industries embrace—

| | | | | | | | |
|--|---|--|---|--|---|--|---|
| Agricultural implements..... | 2 | Buttons..... | 1 | Clothing, men's..... | 1 | Engraving, steel and copper plate, including plate printing..... | 1 |
| Artificial limbs..... | 1 | Canning and preserving, dried fruits..... | 1 | Clothing, women's..... | 1 | Fancy articles, not elsewhere specified..... | 1 |
| Awnings, tents, and sails..... | 1 | Carpets, rag..... | 2 | Coffee, roasting and grinding..... | 1 | Gas and electric fixtures..... | 3 |
| Betting, leather..... | 1 | Cars and general shop construction and repairs by electric-railroad companies..... | 1 | Coffins, burial cases, and undertakers' goods..... | 2 | Gas, illuminating and heating..... | 1 |
| Bookbinding and blank-book making..... | 2 | Cooperage, hogsheads and barrels..... | 1 | Cooperage, hogheads and barrels..... | 1 | Hair work..... | 2 |
| Boxes, paper and other, cartons..... | 1 | Cards and general shop construction and repairs by steam-railroad companies..... | 1 | Druggists' preparations..... | 1 | Jewelry..... | 1 |
| Brick, building..... | 1 | Clothing, men's, women's, children's, infants', and babies'..... | 1 | Electrical machinery, apparatus, and supplies..... | 1 | Liquors, malt..... | 1 |
| Brooms, from broom corn..... | 2 | Cleansing preparations..... | 1 | Engines, steam, gas, and water..... | 1 | | |

| 1 | TACOMA—All industries..... | 348 | 12,355 | 276 | 505 | 570 | 290 | 10,714 | Mh | 11,388 | Fe | 9,015 | 13,053 | 12,145 | 889 | 15 | 4 | 68,097,799 |
|----|---|-----|--------|-----|-----|-----|-----|--------|-----|--------|----|-------|--------|--------|-----|---------|-----------|------------|
| 2 | Artificial stone products..... | 6 | 14 | 4 | — | — | — | 10 | Oc | 13 | Ja | 4 | 12 | 12 | — | — | 239,800 | |
| 3 | Automobile bodies and parts..... | 9 | 72 | 8 | 5 | 4 | 3 | 52 | Ap | 56 | Ja | 46 | 52 | 52 | — | 183,912 | | |
| 4 | Automobile repairing..... | 33 | 209 | 40 | 9 | 3 | 7 | 150 | Se | 164 | De | 141 | 146 | 146 | — | 308,066 | | |
| 5 | Bread and other bakery products..... | 29 | 344 | 30 | 12 | 30 | 16 | 256 | De | 278 | Jy | 242 | 278 | 148 | 121 | 9 | 672,666 | |
| 6 | Coffee, roasting and grinding..... | 4 | 30 | — | 4 | 5 | 3 | 18 | (1) | 18 | — | 18 | 18 | 12 | 6 | — | 192,284 | |
| 7 | Confectionery and ice cream..... | 14 | 239 | 9 | 21 | 27 | 15 | 217 | No | 219 | Au | 160 | 248 | 83 | 105 | — | 580,749 | |
| 8 | Confectionery..... | 9 | 233 | 8 | 14 | 21 | 10 | 182 | Jy | 49 | Fe | 28 | 34 | 32 | 2 | — | 423,320 | |
| 9 | Ice cream..... | 5 | 56 | 3 | 7 | 6 | 5 | 35 | Oc | 83 | Fe | 39 | 73 | 73 | — | 157,429 | | |
| 10 | Copper, tin, and sheet-iron work..... | 15 | 98 | 14 | 9 | 3 | 5 | 67 | Se | 408 | Mh | 292 | 433 | 5 | — | 406,839 | | |
| 11 | Flour-mill and gristmill products..... | 8 | 462 | — | 30 | 51 | 22 | 259 | — | — | — | 44 | 22 | 22 | 22 | — | 7,159,667 | |
| 12 | Food preparations, not elsewhere specified..... | 8 | 80 | 2 | 13 | 15 | 9 | 41 | — | — | — | — | — | — | — | — | 418,093 | |
| 13 | Breadstuffs, macaroni, vermicelli, and noodles..... | 3 | 15 | — | 4 | 1 | — | 10 | Oc | 12 | Ja | 9 | 13 | 7 | 6 | — | 145,340 | |
| 14 | All other..... | 5 | 65 | 2 | 9 | 15 | 8 | 31 | Se | 35 | Ja | 27 | 31 | 15 | 16 | — | 272,755 | |
| 15 | Foundry and machine-shop products..... | 19 | 438 | 10 | 33 | 26 | 11 | 358 | — | — | — | 365 | 365 | — | — | — | 2,524,805 | |
| 16 | Machine shops..... | 11 | 47 | 8 | 8 | — | 2 | 29 | Au | 40 | Fe | 7 | 30 | 30 | — | — | 171,363 | |
| 17 | All other..... | 8 | 391 | 2 | 25 | 26 | 9 | 329 | Au | 428 | Fe | 198 | 335 | 335 | — | — | 2,351,443 | |
| 18 | Furniture..... | 9 | 536 | 5 | 19 | 9 | 8 | 495 | No | 566 | Fe | 363 | 522 | 385 | 137 | — | 1,360,467 | |
| 19 | Ice, manufactured..... | 3 | 36 | 2 | 2 | 2 | 2 | 28 | Au | 35 | De | 20 | 20 | 26 | — | — | 129,323 | |
| 20 | Lumber and timber products..... | 16 | 2,800 | 4 | 55 | 51 | 18 | 2,732 | Oc | 3,264 | Fe | 2,126 | 2,954 | 2,936 | 18 | — | 7,544,906 | |
| 21 | Lumber, planing-mill products, not including planing mills connected with sawmills..... | 16 | 943 | 15 | 41 | 22 | 16 | 849 | De | 1,118 | Fe | 554 | 1,105 | 1,056 | 49 | — | 2,457,317 | |

* Includes water wheels and turbines (irrespective of ownership of water supply) and water motors (operated by water from city mains).

** Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—WASHINGTON.

135

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

| EXPENSES. | | | | | | | | | POWER. | | | | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|---|----------------------|-------------------------|------------|------------------------------|-------------------------------|-----------------|------------------------------|---------------------------|-----------------------|--|----|--|
| Salaries and wages. | | | Rent and taxes. | | | For materials. | | | Value added by manufacturer. | Primary horsepower. | | | | | Electric horsepower generated in establishments reporting. | | |
| Officials. | Clerks, etc. | Wage earners. | For contract work. | Rent of factory. | Taxes, Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | Total. | Owned. | Steam engines (not turbines). | Steam turbines. | Internal-combustion engines. | Water power. ¹ | Rent-ed. ² | | | |
| 1,575 | 2,756 | 5,700 | 582 | 15 | 9,473 | 638 | 26,291 | 16,180 | 58 | ----- | ----- | ----- | 53 | ----- | 2 | | |
| 5,880 | 2,370 | 51,681 | 2,309 | 2,308 | 2,900 | 143,520 | 90,812 | 127 | ----- | ----- | ----- | 127 | ----- | 3 | | | |
| 10,184 | 9,602 | 304,466 | 39,609 | 2,324 | 287,098 | 14,717 | 791,140 | 539,330 | 261 | ----- | ----- | ----- | 261 | ----- | 4 | | |
| 34,226 | 10,400 | 216,828 | 4,395 | 11,136 | 477,187 | 17,409 | 1,176,514 | 681,918 | 986 | 580 | ----- | ----- | 406 | ----- | 5 | | |
| 49,838 | 94,079 | 356,848 | 27,075 | 95,664 | 1,470,023 | 37,936 | 2,542,900 | 1,034,941 | 304 | 45 | ----- | ----- | 259 | 44 | 6 | | |
| 19,777 | 35,061 | 98,494 | 4,245 | 13,885 | 1,577,398 | 22,580 | 2,184,385 | 564,412 | 511 | 135 | ----- | ----- | 376 | ----- | 7 | | |
| 47,528 | 124,181 | 273,719 | 11,540 | 63,458 | 1,533,617 | 34,458 | 2,700,691 | 1,192,616 | 371 | ----- | ----- | ----- | 371 | ----- | 8 | | |
| 15,319 | 13,113 | 114,745 | 260 | 6,366 | 5,363 | 190,591 | 2,383 | 456,202 | 263,228 | 58 | ----- | ----- | 58 | ----- | 9 | | |
| 42,586 | 52,716 | 163,542 | 14,310 | 57,595 | 6,449,320 | 45,889 | 6,980,188 | 470,999 | 1,646 | ----- | ----- | 150 | 1,496 | ----- | 10 | | |
| 10,360 | 685 | 8,327 | 4,051 | 695 | 176,219 | 3,938 | 237,241 | 57,084 | 65 | ----- | ----- | 65 | ----- | 11 | | | |
| 32,776 | 9,269 | 206,950 | 7,025 | 4,814 | 246,834 | 15,964 | 625,118 | 362,320 | 224 | ----- | ----- | 224 | ----- | 12 | | | |
| 2,400 | 31,343 | 1,740 | 1,740 | 193 | 44,007 | 5,907 | 105,756 | 55,842 | 43 | ----- | ----- | 43 | ----- | 13 | | | |
| 30,376 | 9,269 | 175,007 | 5,285 | 4,621 | 202,827 | 10,057 | 519,362 | 306,478 | 181 | ----- | ----- | 181 | ----- | 14 | | | |
| 4,928 | 45,932 | 2,270 | 7,110 | 878 | 61,696 | 734 | 186,465 | 124,062 | 13 | ----- | ----- | 13 | ----- | 15 | | | |
| 12,600 | 600 | 40,848 | 4,784 | 973 | 66,677 | 3,076 | 167,606 | 97,863 | 113 | ----- | ----- | 113 | ----- | 16 | | | |
| ----- | 4,976 | 950 | 2,100 | 77 | 7,508 | 408 | 24,833 | 16,917 | 7 | ----- | ----- | 7 | ----- | 17 | | | |
| ----- | 2,976 | ----- | 1,110 | 61 | 5,210 | 1,041 | 20,794 | 14,543 | 12 | ----- | ----- | 12 | ----- | 18 | | | |
| 40,725 | 28,701 | 345,247 | 1,778 | 35,076 | 1,129,800 | 21,172 | 1,700,145 | 549,173 | 1,198 | 230 | ----- | ----- | 968 | 8 | 19 | | |
| 7,600 | 2,875 | 16,941 | 540 | 5,640 | 51,597 | 2,708 | 121,271 | 66,968 | 76 | ----- | ----- | 76 | ----- | 20 | | | |
| 3,094 | 847 | 15,997 | 1,600 | 1,404 | 51,700 | 1,522 | 84,756 | 31,534 | 46 | ----- | ----- | 46 | ----- | 21 | | | |
| 4,170 | 2,626 | 17,351 | 5,457 | 3,978 | 88,905 | 1,288 | 159,165 | 68,972 | 22 | ----- | ----- | 22 | ----- | 22 | | | |
| 3,475 | 480 | 11,571 | 1,485 | 621 | 42,872 | 446 | 63,480 | 20,162 | 15 | ----- | ----- | 15 | ----- | 23 | | | |
| 35,490 | 44,720 | 228,981 | 5,654 | 17,197 | 17,725 | 299,934 | 7,894 | 854,884 | 547,056 | 177 | ----- | ----- | 177 | ----- | 24 | | |
| 85,783 | 220,042 | 297,141 | 286,176 | 29,721 | 75,683 | 380,943 | 34,589 | 2,408,351 | 1,992,819 | 400 | ----- | ----- | 400 | ----- | 25 | | |
| 1,620 | 8,516 | 2,256 | 315 | 315 | 35,920 | 104 | 56,693 | 20,069 | 6 | ----- | ----- | 6 | ----- | 26 | | | |
| 3,000 | 2,000 | 20,547 | 788 | 7,900 | 28,133 | 457 | 64,652 | 36,062 | ----- | ----- | ----- | ----- | 27 | ----- | 27 | | |
| 17,280 | 8,785 | 55,215 | 1,338 | 405 | 39,332 | 179,193 | 15,743 | 454,058 | 289,122 | 579 | ----- | ----- | 579 | ----- | 28 | | |
| 313,779 | 295,011 | 2,510,573 | 156,809 | 51,601 | 315,532 | 10,174,871 | 339,115 | 15,862,038 | 5,348,052 | 5,976 | 1,902 | 80 | ----- | 3,994 | 90 | 29 | |

| | | | | | | | |
|--|---|---|---|--------------------------------------|---|---|---|
| Liquors, vinous..... | 1 | Models and patterns, not including paper patterns..... | 1 | Perfumery and cosmetics..... | 2 | Statuary and art goods..... | 1 |
| Lithographing..... | 1 | Photographic materials..... | 2 | Stoves and hot-air furnaces..... | 1 | Structural iron work, not made in steel works or rolling mills..... | 1 |
| Looking-glass and picture frames..... | 1 | Musical instruments and materials, not elsewhere specified..... | 1 | Pottery, earthen and stone ware..... | 1 | Toys, not elsewhere specified..... | 1 |
| Lumber and timber products..... | 4 | Optical goods..... | 1 | Signs, electric..... | 1 | Toys and games..... | 2 |
| Millinery and lace goods, not elsewhere specified..... | 1 | Paints..... | 1 | Slaughtering and meat packing..... | 5 | Trunks and valises..... | 2 |
| Mirrors, framed and unframed, not elsewhere specified..... | 1 | Patent and proprietary compounds, Soap..... | 1 | Springs, steel, automobile..... | 1 | Wooden goods, not elsewhere specified..... | 1 |

| | | | | | | | | | | | | | | | | | |
|-----------|-----------|------------|--------|---------|-----------|------------|-----------|-------------|------------|--------|--------|-------|-------|-------|--------|-------|----|
| 1,857,229 | 1,134,364 | 14,509,907 | 81,201 | 242,150 | 1,479,272 | 71,870,118 | 1,403,299 | 103,171,756 | 29,898,339 | 59,557 | 18,471 | 4,550 | 17 | 64 | 36,455 | 2,812 | 1 |
| 13,200 | 4,540 | 15,784 | ----- | 1,280 | 661 | 17,496 | 679 | 53,015 | 34,840 | 51 | ----- | 15 | ----- | 36 | ----- | 2 | |
| 21,272 | 10,881 | 215,744 | 7,666 | 8,005 | 2,932 | 101,035 | 2,476 | 288,515 | 185,004 | 74 | ----- | 74 | ----- | 3 | ----- | 3 | |
| 45,287 | 76,205 | 306,512 | 20,049 | 23,329 | 1,172,630 | 24,489 | 2,035,708 | 838,589 | 242 | ----- | 5 | 237 | 5 | ----- | 5 | | |
| 17,900 | 20,224 | 27,226 | 2,022 | 6,601 | 364,238 | 3,042 | 486,969 | 101,889 | 75 | ----- | 75 | ----- | 6 | ----- | 6 | | |
| 69,790 | 46,053 | 187,373 | 13,553 | 58,718 | 787,754 | 9,265 | 1,299,081 | 502,082 | 132 | 25 | 14 | 93 | 5 | 7 | 7 | | |
| 53,477 | 37,934 | 146,893 | 9,371 | 52,208 | 589,667 | 7,264 | 959,144 | 362,313 | 60 | 25 | 14 | 21 | 5 | 8 | 8 | | |
| 16,318 | 7,119 | 41,480 | 4,182 | 6,510 | 198,187 | 2,001 | 389,037 | 139,749 | 72 | ----- | 72 | ----- | 9 | ----- | 9 | | |
| 24,550 | 6,016 | 85,147 | 5,839 | 10,943 | 169,146 | 1,627 | 387,666 | 216,893 | 66 | ----- | 66 | ----- | 10 | ----- | 10 | | |
| 100,189 | 123,386 | 587,607 | 11,413 | 5,476 | 116,575 | 18,827,686 | 22,394 | 21,089,220 | 2,179,140 | 5,176 | 1,775 | 45 | 3,356 | 11 | ----- | 11 | |
| 30,480 | 46,257 | 41,108 | ----- | 6,320 | 3,119 | 511,528 | 4,409 | 747,715 | 231,778 | 125 | ----- | ----- | 125 | ----- | 12 | | |
| 8,500 | 533 | 13,056 | 1,080 | 1,185 | 120,725 | 1,399 | 191,732 | 69,608 | 47 | ----- | 47 | ----- | 13 | ----- | 13 | | |
| 21,980 | 45,724 | 28,052 | 5,240 | 1,934 | 390,803 | 3,010 | 556,983 | 162,170 | 78 | ----- | 78 | ----- | 14 | ----- | 14 | | |
| 148,139 | 43,406 | 593,477 | 4,263 | 12,235 | 184,146 | 963,428 | 75,448 | 2,583,334 | 1,544,458 | 1,906 | ----- | 1,906 | ----- | 15 | ----- | 15 | |
| 17,019 | 2,121 | 52,984 | 4,263 | 6,515 | 1,319 | 102,129 | 2,743 | 215,607 | 110,735 | 97 | ----- | 97 | ----- | 16 | ----- | 16 | |
| 131,120 | 46,285 | 540,493 | ----- | 5,720 | 192,827 | 861,299 | 72,705 | 2,387,727 | 1,433,723 | 1,809 | ----- | 1,809 | ----- | 17 | ----- | 17 | |
| 60,548 | 23,518 | 511,785 | ----- | 2,400 | 38,773 | 546,171 | 19,437 | 1,530,527 | 964,919 | 1,239 | 700 | 700 | ----- | 529 | 12 | 18 | |
| 5,100 | 1,866 | 38,286 | ----- | 2,487 | 7,486 | 7,805 | 90,250 | 74,859 | 779 | 210 | 210 | 569 | 569 | 19 | ----- | 19 | |
| 242,876 | 88,531 | 3,923,026 | 5,471 | 6,544 | 213,521 | 4,374,812 | 23,221 | 10,367,165 | 5,969,132 | 16,916 | 8,203 | 4,266 | 4,448 | 1,551 | 20 | ----- | 20 |
| 138,442 | 46,114 | 1,096,987 | ----- | 20,593 | 72,081 | 2,342,513 | 11,691 | 4,591,675 | 2,237,471 | 4,258 | 2,510 | ----- | 1,748 | 100 | 21 | ----- | 21 |

* Same number reported for one or more other months.

† Same number reported throughout the year.

MANUFACTURES—WASHINGTON.

TABLE 31.—DETAILED STATEMENT OF ALL INDUSTRIES

| INDUSTRY AND CITY. | Number of establish- ments | PERSONS ENGAGED IN THE INDUSTRY. | | | | | | | WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY. | | | | Capital, | |
|--------------------|-------------------------------|----------------------------------|---|---|--------------|--------------|------------------------------|----------------------|---|--------|--------------|--------------|-----------|--------------|
| | | Total. | Propri- tors and firm mem- bers. | Sal- ried offi- cers, super- in- tendents, and man- agers. | Clerks, etc. | | | Wage earners. | | Total. | 16 and over. | | Under 16. | |
| | | | | | Male. | Fe- male. | Aver- age num- ber. | Number, 15th day of— | Male. | | Male. | Fe- male. | Male. | Fe- male. |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| | | | | | | | | | | | | | | |
|---|--|----|-------|----|-----|-----|----|-------|-------|-------|-------|-------|-------|------------|
| 1 | TACOMA—Continued. | | | | | | | | | | | | | Dollars. |
| 1 | Marble and stone work..... | 4 | 83 | 1 | 9 | 8 | 3 | 62 | No Au | 70 | Se Ja | 57 | 61 | 390,936 |
| 2 | Mineral and carbonated waters..... | 3 | 19 | 3 | 1 | 1 | 1 | 13 | 17 | 12 | 13 | 13 | 13 | 56,639 |
| 3 | Printing and publishing, book and job..... | 32 | 205 | 37 | 20 | 30 | 11 | 107 | De | 116 | Mh | 96 | 119 | 452,900 |
| 4 | Printing and publishing, newspapers and periodicals..... | 15 | 444 | 11 | 20 | 91 | 47 | 275 | Se | 281 | Mh | 268 | 276 | 461,021 |
| 5 | Shipbuilding, wooden, including boat building..... | 7 | 700 | 7 | 14 | 25 | 15 | 630 | Mh | 2,298 | De | 45 | 2,145 | 2,481,329 |
| 6 | Tobacco, cigars and cigarettes..... | 7 | 28 | 9 | 188 | 187 | 78 | 3,967 | (4) | 19 | (4) | 19 | 19 | 25,789 |
| 7 | All other industries*..... | 91 | 4,405 | 65 | 188 | 187 | 78 | 3,967 | ..... | ..... | ..... | 4,139 | 3,825 | 40,052,428 |

| | | | | | | |
|--|---|-------|---|---|-------------------------------------|---|
| * All other industries embrace— | Brass and bronze products..... | 2 | Cars and general shop construction and repairs by steam-railroad companies..... | 3 | Druggists' preparations..... | 1 |
| Artificial limbs..... | Brooms, from broom corn..... | 2 | Cleansing preparations..... | 1 | Electroplating..... | 1 |
| Automobiles..... | Brushes..... | 1 | Clothing, men's and youths'..... | 1 | Engines, steam, gas, and water..... | 1 |
| Awnings, tents, and sails..... | Butter..... | 2 | Clothing, women's, wrappers and house dresses..... | 1 | Ferroalloys..... | 1 |
| Babbitt metal..... | Canning and preserving, fish..... | 1 | Carpets, rag..... | 1 | Fertilizers..... | 1 |
| Beeting, leather..... | Cards and general shop construction and repairs by electric-railroad companies..... | 3 | Cordials and flavoring sirups..... | 1 | Flavoring extracts..... | 2 |
| Boots and shoes..... | Boxes, cigar..... | 1 | Dental goods..... | 1 | Fur goods..... | 2 |
| Boxes, set-up paper boxes and cartons..... | Boxes, wooden packing, except cigar boxes..... | 2 | ..... | 1 | Furs, dressed..... | 1 |
| ..... | ..... | ..... | ..... | 1 | Gas, illuminating and heating..... | 1 |

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

| | | | | | | | | | | | | | | | | |
|---|------------------|-----|-------|----|-----|-----|----|-------|----|-------|----|-------|-------|-------|-----|------------|
| 1 | ABERDEEN..... | 73 | 2,949 | 54 | 92 | 47 | 41 | 2,715 | Au | 2,979 | Fe | 2,360 | 2,601 | 2,530 | 71 | 8,596,114 |
| 2 | BELLINGHAM..... | 110 | 3,520 | 95 | 196 | 91 | 50 | 3,083 | My | 3,628 | De | 2,139 | 3,315 | 3,164 | 148 | 13,581,271 |
| 3 | EVERETT..... | 127 | 3,640 | 97 | 133 | 88 | 49 | 3,273 | Se | 3,724 | Fe | 2,832 | 3,749 | 3,507 | 227 | 16,479,920 |
| 4 | HOQUILAM..... | 38 | 2,293 | 30 | 41 | 35 | 23 | 2,164 | Au | 2,497 | Mh | 1,760 | 2,354 | 2,289 | 55 | 7,026,479 |
| 5 | VANCOUVER..... | 39 | 4,827 | 28 | 101 | 119 | 57 | 4,522 | Fe | 5,176 | No | 3,492 | 3,882 | 3,856 | 28 | 52,571,128 |
| 6 | WALLA WALLA..... | 69 | 611 | 60 | 47 | 47 | 29 | 428 | Oc | 461 | Ja | 388 | 457 | 427 | 2 | 3,020,340 |
| 7 | YAKIMA..... | 77 | 1,566 | 54 | 59 | 75 | 52 | 1,326 | Oc | 1,947 | Fe | 775 | 1,693 | 1,253 | 428 | 4,920,428 |

¹ Includes water wheels and turbines (irrespective of ownership of water supply), and water motors (operated by water from city mains).² Chiefly electric motors operated by rented (or purchased) current; other power included (chiefly shaft-belt or transmitted power from neighboring power plants).

MANUFACTURES—WASHINGTON.

137

COMBINED AND SPECIFIED INDUSTRIES: 1919—Continued.

| EXPENSES. | | | | | | | | POWER. | | | | | | | |
|---------------------|--------------|---------------|--------------------|------------------|--|----------------------|-------------------------|------------------------------|---------------------|-------------------------------|-----------------|------------------------------|---|--|--|
| Salaries and wages. | | | Rent and taxes. | | For materials. | | | Value added by manufacturer. | Primary horsepower. | | | | Electric horse-power generated in establishments reporting. | | |
| Officials. | Clerks, etc. | Wage earners. | For contract work. | Rent of factory. | Taxes Federal, state, county, and local. | Principal materials. | Fuel and rent of power. | | Total. | Steam engines (not turbines). | Steam turbines. | Internal-combustion engines. | Water power. ¹ | | |
| | | | | | | | | | | | | | | | |

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

| Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | Dollars. | |
|-----------------|----------------|------------------|----------|----------------|----------------|-------------------|--------------|--------------------|-------------------|-----------|----------|----------|-----------|----------|----------|---|
| 27,052 1,851 | 7,703 2,208 | 93,030 22,699 | ..... | 3,709 1,020 | 8,153 4,532 | 140,924 49,390 | 3,107 427 | 398,985 113,891 | 254,954 64,065 | 378 10 | ..... | ..... | 378 10 | ..... | 1 | |
| 46,463 | 24,656 | 134,101 | 18,299 | 10,051 | 17,544 | 141,007 | 3,509 | 548,773 | 404,257 | 151 | ..... | ..... | 151 | ..... | 3 | |
| 84,926 | 149,769 | 311,600 | 24,015 | 10,251 | 10,520 | 392,271 | 6,277 | 1,281,863 | 883,315 | 260 | ..... | ..... | 260 | ..... | 4 | |
| 212,413 | 54,828 | 754,430 | 2,500 | 3,500 | 136,678 | 1,677,119 | 15,957 | 4,293,954 | 2,600,878 | 2,420 | 180 | ..... | 2,240 | ..... | 5 | |
| 566,721 | 354,113 | 5,408,162 | 7,574 | 62,567 | 544,639 | 38,901,475 | 1,103,634 | 50,170,157 | 10,165,048 | 25,140 | 4,868 | 285 | 2 | 10,985 | 1,144 | 6 |

| | | | | | | | | | | | | | | | |
|--|---|--|---|-----------------------------------|---|-----------------------------------|---|--|---|--|---|--------------------------------|---|--|---|
| Gloves and mittens, cloth, not including gloves made in textile mills. | 2 | Mattresses and spring beds, not elsewhere specified. | 3 | Patent and proprietary medicines. | 1 | Soap. | 1 | Hand stamps. | 1 | Mirrors, framed and unframed, not elsewhere specified. | 1 | Perfumery and cosmetics. | 1 | Stencils and brands. | 1 |
| Hardware. | 1 | Models and patterns, not including paper patterns. | 1 | Photo-engraving. | 2 | Stoves and hot-air furnaces. | 2 | Iron and steel forgings, not made in steel works or rolling mills. | 1 | Rubber tires, tubes, and rubber goods. | 2 | Pickles and sausages. | 2 | Structural ironwork, not made in steel works or rolling mills. | 1 |
| Iron and steel forgings, not made in steel works or rolling mills. | 1 | Musical instruments and materials. | 1 | Shirts. | 1 | Tinware, not elsewhere specified. | 1 | Jewelry. | 2 | Saddlery and harness. | 2 | Shirts. | 1 | Window and door screens. | 1 |
| Iron and steel, welding. | 2 | not elsewhere specified. | 1 | Slaughtering and meat packing. | 1 | Wood, turned and carved. | 1 | Liquors, malt. | 2 | Optical goods. | 1 | Smelting and refining, copper. | 1 | Wooden goods, not elsewhere specified. | 2 |
| Lithographing. | 1 | | | | | | | | | | | | | | |

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

| | | | | | | | | | | | | | | | | |
|---------|---------|-----------|---------|--------|---------|------------|---------|------------|-----------|--------|--------|--------|-------|-------|--------|---|
| 540,228 | 180,572 | 4,474,438 | 17,200 | 35,094 | 451,325 | 7,526,161 | 134,987 | 15,757,723 | 8,096,575 | 14,504 | 11,417 | 1,200 | 6 | 1,881 | 865 | 1 |
| 314,490 | 243,179 | 4,343,985 | 1,645 | 42,913 | 332,329 | 9,734,404 | 235,017 | 17,807,631 | 7,838,210 | 13,717 | 5,529 | 4,834 | 48 | 3,306 | 5,195 | 2 |
| 439,670 | 195,512 | 4,816,742 | 24,113 | 40,605 | 630,656 | 11,774,130 | 132,874 | 21,886,682 | 9,079,675 | 21,702 | 7,712 | 11,331 | 190 | 2,469 | 12,301 | 3 |
| 189,794 | 112,075 | 3,408,584 | ..... | 11,835 | 293,082 | 6,287,426 | 19,447 | 11,872,031 | 5,585,158 | 14,732 | 10,936 | 3,000 | ..... | 796 | 6,248 | 4 |
| 503,838 | 416,978 | 7,088,030 | 5,600 | 17,186 | 81,328 | 11,695,683 | 233,857 | 21,251,700 | 9,322,160 | 8,553 | 3,020 | ..... | 9 | 5,524 | 74 | 5 |
| 100,153 | 81,798 | 537,704 | 5,130 | 24,305 | 42,756 | 2,774,222 | 82,108 | 4,322,636 | 1,486,306 | 1,744 | 426 | 18 | 170 | 1,130 | 45 | 6 |
| 153,930 | 158,326 | 1,508,107 | 136,672 | 38,702 | 96,791 | 2,494,490 | 114,869 | 5,766,980 | 3,157,621 | 2,851 | 1,784 | 4 | ..... | 1,063 | 183 | 7 |

³ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

MINES AND QUARRIES—WASHINGTON.

STATE AND CITY ESTIMATES

EXPLANATION OF TERMS.

Scope of census and period covered.—The census of mines, quarries, and petroleum or natural-gas wells does not cover enterprises which were idle; that is, in which neither productive nor development work was done during the entire year, or the products of which were valued at less than \$500; or in the case of bituminous coal mining, producing less than 1,000 tons, or, if not productive, in which development work amounting to less than \$5,000 was done. The returns relate to the calendar year 1919. When use is made of the statistics relating to character of ownership, size of enterprises, and similar subjects, it is imperative that due attention be given their limitations, particularly in connection with any attempt to show average wages, cost of production, or profits.

The enterprise.—The term "enterprise" represents one or more mines and quarries, wells or groups of wells, or natural-gas gasoline plants, all within the same state, operated under a common ownership or unified control, or for which only one set of books of account was kept, and for which a single report was secured. It may cover plants at several localities within the same state. If plants under unified control were not all located within the same state, separate reports were secured in order that statistics for the several enterprises thus defined might be included in statistics for the states in which they were located. The enterprise is further defined as being limited to a single industry.

Number of mines, quarries, wells, and plants.—Under these designations is given the number of mines, quarries, wells, and gasoline plants shown by the returns. As a rule each group of workings at a given locality in which operations were conducted as a unit or were unified by common management or joint handling of some part of the mining process, has been considered as a single mine or quarry. Many individual openings, therefore, are not counted as individual mines. The total number reported comprises those in operation or in the course of development during the year 1919. For petroleum and natural-gas wells the individual wells were counted and the total number productive December 31, 1919, is reported. The number of natural-gas gasoline plants is the total number reported in operation during the year.

Classification by industries.—The enterprises reported have been grouped by industries according to the kind of products.

Selected industries.—The detailed table gives the principal facts separately for the leading industries of the state.

Influence of increased prices.—In comparing figures for cost of supplies and materials and value of products with the corresponding figures for earlier censuses, account should be taken of the general increase in the prices of commodities during recent years.

Persons engaged in the industry.—The number of persons engaged in each industry, by occupation, sex, and, in the case of wage earners, also by age, was reported for a single representative day. In addition to the number of wage earners on the representative date, a report was obtained of the number employed on the 15th of each month, without distinction of sex or age. From these figures the average number of wage earners for the year has been calculated by dividing the sum of the numbers reported for the several months by 12.

Salaries and wages.—Under these heads are given the total payments during the year for salaries and wages, respectively.

Prevailing hours of labor.—This inquiry called merely for the prevailing practice followed in each enterprise. Occasional variations in hours from one part of the year to another were disregarded, and also where a few wage earners might have hours differing from the majority. All the wage earners of each enterprise are therefore counted in the class within which the enterprise falls.

Capital.—The instructions on the schedule relating to capital were as follows: "The answer should show the total amount of capital, owned and borrowed, invested by the operator in the enterprise on the last day of the business year reported. Do not include securities and loans representing investments in other enterprises." The reports received in respect to capital, however, have in so many cases been defective that the data compiled only indicate very general conditions.

Expenses.—The expenses reported in the census of 1919 include salaries and wages; the cost of supplies, materials, and fuels, including the freight on these; cost of power purchased; the cost of contract work; royalties and rents paid; and taxes paid or assessed. The census of 1909 reported in addition to the items of expenses covered by the present census all other items of expense incident to that year's business, except interest on indebtedness, dividends, and allowances for depreciation.

Supplies and materials, fuel, and power.—Statistics as to supplies and materials, fuel, and power, relate to the cost of these used during the year which may be more or less than the amount purchased during the year. The term "supplies and materials" covers mine, mill, quarry, and well supplies, and mineral purchased for treatment, resale, or distribution.

Royalties and rents.—The amounts given under this head represent the payment to fee holders or the value of share of product credited to fee holders for mineral output from leased land, and also rents paid for plants, equipment, and privileges or easements.

Taxes.—The taxes include Federal capital stock; corporation income, and excess profits tax; and also state, county, and local taxes. The data compiled in respect to Federal taxes are very defective as many mining corporations are engaged in other business and have sources of income other than from mining and do not pay taxes on mining separately.

Expenditures for development work.—In the statistics for producing enterprises that part of the expenses for salaries, wages, contract work, supplies and materials, fuel, and power credited to development work is shown as expenditures for development work. For nonproducing enterprises the total of these expenses is given as expenditure for development work.

Quantity of products.—In so far as the statistics on quantities of mineral products in 1919 are available for the states, they will be found in the reports of the United States Geological Survey.

Value of products.—The amounts given under this heading represent the selling value at point of production or f. o. b. at point of shipment, or such other value as may represent the net value or amount received for the 1919 product under the terms by which it was disposed of, and also includes the value at point of production of products used by the operating company.

Cost of mining and profits.—The data do not show entire cost of mining and well operations, and can not be used for the calculation of profits. No account was taken of depreciation or interest, rent of offices and buildings other than those for mines, quarries, and wells; insurance, selling, and other sundry expenses.

Lands controlled.—The inquiry on land tenure was confined to land pertaining to the operations covered by the report. In many of these, however, land held in reserve for future development and for other purposes not pertaining to mining was included and also a large number of more or less unsatisfactory estimates.

Power used.—The figures on power represent the rated capacity of the engines, motors, etc., and not the amount in actual daily use.

Fuel.—Statistics of fuel are shown only for anthracite and bituminous coal, coke, wood, oil, and gas. As only the principal varieties of fuel are shown, no comparison can be made with the total cost.

STATISTICS FOR THE STATE.

Washington, which ranks nineteenth among the states in size (land area 66,836 square miles) and thirtieth in population (1,356,621 in 1920), ranked twenty-seventh in value of mineral products for 1919. The state also ranked twenty-seventh on the basis of total number of persons engaged in the mining industries and the average number of wage earners employed.

The total value of products of mines and quarries in Washington in 1919 was \$13,329,129 which amount includes, in addition to the receipts by operators for the products indicated by the names of the industries specified, \$70,769, the value of by-products, of power sold, and work or miscellaneous services for other enterprises. The total value of products for 1919 is larger by 26.5 per cent than the corresponding amount reported at the census of 1909. This increase and the increases in wages and cost of supplies and materials and fuel and power, as shown in Table 1, are largely due to general price increases and, therefore, can not properly be used to measure the growth of mining during the census period 1909 to 1919. The average number of wage earners employed, which is a better basis for comparison, was 26.9 per cent less in 1919 than in 1909.

The mining industries reported for 1919, classified by principal products and listed in the order of value of products, were bituminous coal, magnesite, gold and silver from lode mines, basalt, copper, lead and zinc, granite, sandstone, clay, abrasive materials, iron ore, talc and soapstone, asbestos, and gold from placer mines. The industries for which statistics can be shown without disclosure of individual operations are ranked by value of products in Table 2.

The leading mineral industry in Washington in 1919 was bituminous coal mining which reported 35 out of a total of 83 productive enterprises in the state, employed 87.4 per cent of the total number of wage earners, and reported products valued at \$10,737,656, which represents 80.6 per cent of the total value of products of all mining industries in the state. Production was reported principally from Kittitas, King, and Pierce but also from Lewis, Skagit, Thurston, and Whatcom Counties.

Mining and calcining of magnesite was second in importance among the mineral industries in the state, and in this industry, which is confined to Stevens County, Washington leads all other states.

The metalliferous lode mining industry, producing gold, silver, copper, lead and zinc ores, was third in importance in Washington in 1919, with an output valued by the producers at \$670,869, which came

chiefly from Stevens and Ferry but also from Okanogan and Snohomish Counties.

Operations on nonproducing mining properties were reported by 15 enterprises in Washington in 1919; these included 11 metalliferous lode mines, 2 coal mines, and 2 petroleum and natural-gas ventures. These enterprises, with a combined capital of \$2,946,772, employed 105 wage earners and expended \$381,662 for development during 1919. These figures represent 2 per cent of the aggregate number of wage earners and 3.2 per cent of the aggregate expenditures reported for all mining operations in the state.

The form or character of organizations conducting mining enterprises in Washington in 1919 is shown in Table 3, which brings out the preponderance of corporations. They operated 78.3 per cent of all mining enterprises, employed 98 per cent of the total number of wage earners, and reported 98.1 per cent of the total value of products. In each of the leading industries also the corporation was the most common form of operating organization and conducted the more important enterprises.

The relatively large number of small enterprises, as measured by the average number of wage earners, is shown in Table 4. Of the 83 mining enterprises in Washington, 70 were in classes having no wage earners or fewer than 101, and such enterprises employed 28.6 per cent of the total number of wage earners. On the other hand, only 13 of the total number of enterprises had more than 100 wage earners each, but these enterprises employed 71.5 per cent of the total number of wage earners. The larger enterprises were in the coal and magnesite mining industries.

Table 5 shows that in a majority of enterprises and for 95.1 per cent of all the wage earners the hours of labor were 44 to 53 per week, the 8-hour day and the 6-day week prevailing. These hours of labor prevailed in each of the mining industries, except metalliferous lode mining and the mining of magnesite, in which the 8-hour day and 7-day week was the rule.

The statistics for wage earners given in Table 6, showing the changes in the number employed month by month, reflect conditions prevailing in the mining industries during the census year. The unusually low minimum in the coal industry in November, instead of in the summer months as has been usual, was the result of the great November strike and affects the figures for all industries combined.

Table 7 presents for 1919 statistics in detail for the state as a whole and for each industry that can be shown without the disclosure of individual operations.

MINES AND QUARRIES—WASHINGTON.

141

TABLE 1.—COMPARATIVE SUMMARY, PRODUCING ENTERPRISES: 1919 AND 1909.

| | MINING INDUSTRIES. | | Per cent of increase. ¹ | | MINING INDUSTRIES. | | Per cent of increase. ¹ |
|--|--------------------|--------------|------------------------------------|--|-----------------------------|------------|------------------------------------|
| | 1919 | 1909 | | | 1919 | 1909 | |
| Number of enterprises..... | 83 | 93 | | | Principal expenses: | | |
| Number of mines and quarries..... | 98 | 170 | -45.3 | | Salaries..... | \$602,546 | \$344,666 92.2 |
| Persons engaged..... | 5,397 | 7,214 | -25.2 | | Wages..... | 7,485,652 | 5,891,007 26.7 |
| Proprietors and firm members, total..... | 33 | 48 | | | Contract work..... | 80,624 | 14,462 49.0 |
| Number performing manual labor in or about the mines and quarries..... | 16 | 16 | | | Supplies and materials..... | 1,728,585 | 843,025 105.0 |
| Salaried employees..... | 314 | 262 | 19.8 | | Fuel and power..... | 947,330 | 245,852 285.3 |
| Wage earners (average number)..... | 5,050 | 6,904 | -26.9 | | Royalties and rents..... | 177,429 | 141,231 25.6 |
| Power used (horsepower)..... | 38,198 | 20,742 | 84.2 | | Taxes..... | 283,318 | 93,593 202.7 |
| Capital..... | \$22,914,934 | \$13,074,691 | 75.3 | | Value of products..... | 13,329,129 | 10,537,556 26.5 |

¹ A minus sign (—) denotes decrease. Percentages are omitted where base is less than 100.

TABLE 2.—PRINCIPAL INDUSTRIES, PRODUCING ENTERPRISES, RANKED BY VALUE OF PRODUCTS: 1919.

| INDUSTRY. | Number of enterprises. | WAGE EARNERS. | | VALUE OF PRODUCTS. | | INDUSTRY. | Number of enterprises. | WAGE EARNERS. | | VALUE OF PRODUCTS. | |
|--|------------------------|-----------------|------------------------|--------------------|------------------------|---------------------------|------------------------|-----------------|------------------------|--------------------|------------------------|
| | | Average number. | Per cent distribution. | Amount. | Per cent distribution. | | | Average number. | Per cent distribution. | Amount. | Per cent distribution. |
| All industries..... | 83 | 5,050 | 100.0 | \$13,329,129 | 100.0 | Basalt..... | 8 | 99 | 2.0 | \$240,742 | 1.8 |
| Coal, bituminous..... | 35 | 4,413 | 87.4 | 10,737,656 | 80.6 | Granite..... | 5 | 42 | 0.8 | 74,958 | 0.6 |
| Gold, silver, copper, lead and zinc, lode mines..... | 19 | 221 | 4.4 | 670,869 | 5.0 | Abrasive materials..... | 4 | 13 | 0.3 | 16,769 | 0.1 |
| | | | | | | All other industries..... | 12 | 262 | 5.2 | 1,588,185 | 11.9 |

¹ Includes enterprises in industries as follows: Asbestos, 1; clay, 4; gold, placer mines, 1; iron ore, 1; magnesite, 3; sandstone, 1; talc and scapstone, 1.

TABLE 3.—CHARACTER OF ORGANIZATION, FOR SELECTED INDUSTRIES, PRODUCING ENTERPRISES: 1919.

| INDUSTRY AND CHARACTER OF ORGANIZATION. | Number of enterprises. | Number of wage earners. | VALUE OF PRODUCTS. | | PER CENT DISTRIBUTION. | | |
|--|------------------------|-------------------------|--------------------|------------------|------------------------|---------------|--------------------|
| | | | Total. | Per enterprises. | Enterprises. | Wage earners. | Value of products. |
| | | | | | | | |
| ALL INDUSTRIES..... | 83 | 5,050 | \$13,329,129 | \$160,592 | 100.0 | 100.0 | 100.0 |
| Corporation..... | 35 | 4,050 | 13,073,858 | 201,136 | 78.3 | 98.0 | 98.1 |
| Individual..... | 7 | 11 | 37,783 | 5,397 | 8.4 | 0.2 | 0.3 |
| Firm..... | 11 | 89 | 217,488 | 19,772 | 13.8 | 1.8 | 1.6 |
| COAL, BITUMINOUS..... | 35 | 4,413 | 10,737,656 | 306,790 | 100.0 | 100.0 | 100.0 |
| Corporation..... | 31 | 4,361 | 10,645,391 | 343,400 | 88.6 | 98.8 | 99.1 |
| Firm..... | 4 | 52 | 92,285 | 23,066 | 11.4 | 1.2 | 0.9 |
| GOLD, SILVER, COPPER, LEAD AND ZINC, LODE MINES..... | 19 | 221 | 670,869 | 35,309 | 100.0 | 100.0 | 100.0 |
| Corporation..... | 16 | 216 | 647,728 | 40,483 | 84.2 | 97.7 | 96.6 |
| Firm..... | 3 | 5 | 23,141 | 7,714 | 15.8 | 2.3 | 3.4 |
| BASALT AND GRANITE..... | 13 | 141 | 315,700 | 24,285 | 100.0 | 100.0 | 100.0 |
| Corporation..... | 7 | 106 | 209,175 | 29,882 | 58.8 | 75.2 | 66.3 |
| Individual..... | 3 | 8 | 33,181 | 11,960 | 23.1 | 5.7 | 10.5 |
| Firm..... | 3 | 27 | 73,344 | 24,448 | 23.1 | 19.1 | 23.2 |
| ABRASIVE MATERIALS..... | 4 | 13 | 16,769 | 4,192 | 100.0 | 100.0 | 100.0 |
| Corporation..... | 4 | 13 | 16,769 | 4,192 | 100.0 | 100.0 | 100.0 |

¹ Includes 1 individual.

MINES AND QUARRIES—WASHINGTON.

TABLE 4.—SIZE OF PRODUCING ENTERPRISES, BY AVERAGE NUMBER OF WAGE EARNERS, FOR SELECTED INDUSTRIES: 1919.

| INDUSTRY AND WAGE EARNERS PER ENTERPRISE. | ENTERPRISES. | | WAGE EARNERS. | | INDUSTRY AND WAGE EARNERS PER ENTERPRISE. | ENTERPRISES. | | WAGE EARNERS. | |
|---|--------------|------------------------|---------------|------------------------|--|--------------|------------------------|---------------|------------------------|
| | Number. | Per cent distribution. | Number. | Per cent distribution. | | Number. | Per cent distribution. | Number. | Per cent distribution. |
| ALL INDUSTRIES..... | 83 | 100.0 | 5,050 | 100.0 | GOLD, SILVER, COPPER, LEAD AND ZINC, LODE MINES..... | 19 | 100.0 | 221 | 100.0 |
| No wage earners..... | 5 | 6.0 | 60 | 1.2 | No wage earners..... | 2 | 10.5 | | |
| 1 to 5..... | 22 | 26.5 | 225 | 4.5 | 1 to 5..... | 9 | 47.4 | 18 | 8.1 |
| 6 to 20..... | 20 | 24.1 | 378 | 7.5 | 6 to 20..... | 5 | 26.3 | 75 | 33.9 |
| 21 to 50..... | 13 | 15.7 | 777 | 15.4 | 21 to 50..... | 2 | 10.5 | 46 | 20.8 |
| 51 to 100..... | 10 | 12.0 | 2,594 | 51.4 | 51 to 100..... | 1 | 5.3 | 82 | 37.1 |
| 101 to 500..... | 12 | 14.5 | 1,016 | 20.1 | | | | | |
| Over 1,000..... | 1 | 1.2 | | | | | | | |
| COAL, BITUMINOUS..... | 35 | 100.0 | 4,413 | 100.0 | BASALT AND GRANITE..... | 13 | 100.0 | 141 | 100.0 |
| 1 to 5..... | 2 | 5.7 | 7 | 0.2 | No wage earners..... | 1 | 7.7 | | |
| 6 to 20..... | 3 | 8.6 | 38 | 0.9 | 1 to 5..... | 3 | 23.1 | 10 | 7.1 |
| 21 to 50..... | 10 | 28.6 | 301 | 6.8 | 6 to 20..... | 8 | 61.5 | 74 | 52.5 |
| 51 to 100..... | 8 | 22.9 | 638 | 14.5 | 51 to 100..... | 1 | 7.7 | 57 | 40.4 |
| 101 to 500..... | 11 | 31.4 | 2,413 | 54.7 | | | | | |
| Over 1,000..... | 1 | 2.9 | 1,016 | 23.0 | | | | | |

TABLE 5.—NUMBER OF PRODUCING ENTERPRISES AND AVERAGE NUMBER OF WAGE EARNERS, BY PREVAILING HOURS OF LABOR PER WEEK, FOR SELECTED INDUSTRIES: 1919.

| INDUSTRY. | TOTAL. | | NUMBER WHERE THE PREVAILING HOURS OF LABOR PER WEEK WERE— | | | | | |
|--|-------------------|------------------|---|------------------|-------------------|------------------|-------------------|------------------|
| | Enter- prises. | Wage earners. | 35 and under. | | 44 to 53. | | 54 to 62. | |
| | | | Enter- prises. | Wage earners. | Enter- prises. | Wage earners. | Enter- prises. | Wage earners. |
| All industries..... | 178 | 5,050 | 1 | 2 | 63 | 4,803 | 14 | 245 |
| Coal, bituminous..... | 35 | 4,413 | 1 | 2 | 34 | 4,411 | 11 | 207 |
| Gold, silver, copper, lead and zinc, lode mines..... | 17 | 221 | | | 6 | 14 | | |
| Basalt and granite..... | 12 | 141 | | | 12 | 141 | | |
| Abrasive materials..... | 4 | 13 | | | 4 | 13 | | |
| All other industries..... | 10 | 262 | | | 7 | 234 | 3 | 38 |

¹ Exclusive of 5 enterprises employing no wage earners in industries as follows: Basalt, 1; clay, 1; gold, silver, copper, lead and zinc, lode mines, 2; gold, placer mines, 1.

TABLE 6.—WAGE EARNERS, BY MONTHS, FOR SELECTED INDUSTRIES: 1919.

[The month of maximum employment for each industry is indicated by bold-faced figures and that of minimum employment by italic figures.]

| INDUSTRY. | Aver- age num- ber em- ployed during year. | NUMBER EMPLOYED ON 15TH DAY OF THE MONTH OR NEAREST REPRESENTATIVE DAY. | | | | | | | | | | | | Per cent mini- mum is of maxi- mum. |
|--|--|---|----------------|--------|--------|-------|-------|-------|--------------|-----------------|---------------|----------------|----------------|---|
| | | Janu- ary. | Febru- ary. | March. | April. | May. | June. | July. | Aug- ust. | Sep- tember. | Octo- ber. | Novem- ber. | Decem- ber. | |
| All industries..... | 5,155 | 6,034 | 5,802 | 5,715 | 5,359 | 5,182 | 5,056 | 5,318 | 5,595 | 5,813 | 5,717 | 5,998 | 4,271 | 33.1 |
| Producing enterprises..... | 5,050 | 5,956 | 5,737 | 5,672 | 5,321 | 5,104 | 4,948 | 5,195 | 5,455 | 5,659 | 5,567 | 5,844 | 4,142 | 31.0 |
| Coal, bituminous..... | 4,413 | 5,259 | 5,248 | 5,195 | 4,885 | 4,698 | 4,531 | 4,575 | 4,652 | 4,814 | 4,714 | 5,018 | 3,367 | 19.4 |
| Gold, silver, copper, lead and zinc, lode mines..... | 221 | 203 | 184 | 174 | 194 | 209 | 210 | 205 | 205 | 250 | 280 | 235 | 193 | 62.1 |
| Basalt..... | 99 | 55 | 33 | 38 | 36 | 50 | 58 | 134 | 167 | 108 | 168 | 166 | 135 | 19.6 |
| Granite..... | 42 | 39 | 49 | 40 | 48 | 43 | 37 | 41 | 51 | 42 | 41 | 39 | 34 | 66.7 |
| Abrasive materials..... | 13 | 1 | 3 | 2 | 7 | 16 | 20 | 27 | 28 | 24 | 14 | 7 | 7 | 3.6 |
| All other industries..... | 262 | 339 | 220 | 223 | 151 | 88 | 58 | 213 | 307 | 391 | 375 | 379 | 406 | 12.8 |
| Nonproducing industries..... | 105 | 78 | 65 | 43 | 38 | 78 | 108 | 123 | 140 | 154 | 150 | 154 | 128 | 24.7 |
| Gold, silver, copper, lead or zinc, lode mines..... | 50 | 30 | 30 | 24 | 25 | 31 | 53 | 57 | 63 | 71 | 78 | 70 | 70 | 31.6 |
| All other industries..... | 55 | 48 | 35 | 19 | 13 | 47 | 55 | 66 | 77 | 83 | 74 | 84 | 69 | 15.5 |

MINES AND QUARRIES—WASHINGTON.

143

TABLE 7.—DETAILED STATISTICS FOR MINING INDUSTRIES: 1919.

| Aggregate. | PRODUCING ENTERPRISES. | | | | | | | | NONPRODUCING ENTERPRISES. | | |
|--|------------------------|---------------------------|---|-------------|-----------|-------------------------------|----------------------------|-------------|--|----------------------------|-----------|
| | Total. | Coal, bitumi- nous. | Gold, sil- ver, cop- per, lead and zinc, lode mines. | Basalt. | Granite. | Abra- sive ma- terials. | All other. ¹ | Total. | Gold, sil- ver, cop- per, lead or zinc, lode mines. | All other. ² | |
| | 98 | 83 | 35 | 19 | 8 | 5 | 4 | 12 | 15 | 11 | 4 |
| Number of enterprises..... | 98 | 83 | 35 | 19 | 8 | 5 | 4 | 12 | 15 | 11 | 4 |
| Number of mines and quarries..... | 106 | 93 | 43 | 10 | 10 | 5 | 4 | 12 | 13 | 11 | 2 |
| Capital..... | \$25,861,706 | \$22,914,934 | \$15,987,334 | \$3,670,636 | \$183,113 | \$208,492 | \$310,377 | \$2,545,082 | \$2,946,772 | \$2,659,997 | \$286,776 |
| Principal expenses: | | | | | | | | | | | |
| Salaries and wages— | | | | | | | | | | | |
| Officers..... | \$129,163 | \$117,043 | \$90,459 | \$14,304 | \$1,500 | \$1,800 | \$1,500 | \$17,480 | \$12,125 | \$6,125 | \$0,000 |
| Superintendents and managers..... | \$299,153 | \$280,215 | \$185,261 | \$35,903 | \$8,425 | \$8,142 | \$4,750 | \$42,734 | \$18,941 | \$13,261 | \$5,680 |
| Technical employees..... | \$72,162 | \$66,476 | \$47,818 | \$7,945 | \$4,614 | | | | | | |
| Clerks, etc..... | \$200,646 | \$198,813 | \$171,476 | \$8,951 | \$4,200 | | | | | | |
| Wage earners..... | \$7,620,447 | \$7,465,682 | \$6,515,988 | \$381,090 | \$102,382 | \$50,303 | \$15,558 | \$400,331 | \$163,795 | \$77,325 | \$86,470 |
| Supplies and materials..... | \$1,890,278 | \$1,725,585 | \$1,376,254 | \$163,132 | \$42,468 | \$6,110 | \$8,980 | \$131,641 | \$161,683 | \$63,588 | \$88,105 |
| Fuel..... | \$795,549 | \$783,730 | \$547,724 | \$22,875 | \$18,519 | \$8,668 | \$1,082 | \$192,062 | \$8,810 | \$3,024 | \$8,756 |
| Power..... | \$102,100 | \$158,600 | \$94,733 | \$30,234 | \$940 | \$1,783 | | | \$30,910 | \$3,500 | \$3,500 |
| Royalties and rents..... | \$188,844 | \$177,429 | \$186,270 | \$3,457 | \$2,244 | \$190 | | | | | |
| Taxes..... | \$289,419 | \$283,318 | \$247,041 | \$21,128 | \$1,008 | \$347 | \$584 | \$12,110 | \$36,101 | \$1,911 | \$4,190 |
| Contract work..... | \$94,373 | \$80,624 | \$69,612 | \$8,783 | | | | | \$10,229 | \$7,749 | \$470 |
| Expenditures for development (included in the above items)..... | \$1,152,728 | \$771,066 | \$651,734 | \$88,399 | | | | | \$381,662 | \$170,186 | \$211,477 |
| Value of products..... | \$13,329,120 | \$13,329,129 | \$10,737,656 | \$670,869 | \$240,742 | \$74,958 | \$16,769 | \$1,588,135 | | | |
| Persons engaged in industry..... | 5,530 | 5,387 | 4,664 | 257 | 115 | 53 | 19 | 299 | 133 | 73 | 60 |
| Proprietors and firm members (total)..... | 43 | 33 | 10 | 5 | 5 | 5 | | 8 | 10 | | |
| Number performing manual labor..... | 17 | 16 | 7 | 4 | 2 | 1 | | 2 | 1 | | |
| Salaried officers..... | 40 | 37 | 24 | 6 | 1 | 1 | 1 | 4 | 3 | 2 | 1 |
| Superintendents and managers..... | 103 | 92 | 58 | 12 | 4 | 4 | 3 | 11 | 9 | 9 | 2 |
| Technical employees..... | 40 | 37 | 26 | 7 | 1 | 1 | 3 | 11 | 11 | 3 | 1 |
| Clerks, etc..... | 149 | 148 | 123 | 6 | 5 | 1 | 2 | 262 | 105 | 50 | 55 |
| Wage earners (average number)..... | 5,155 | 5,050 | 4,413 | 221 | 99 | 42 | 13 | | | | |
| Wage earners by occupation (Dec. 15): | | | | | | | | | | | |
| Above ground (total)..... | 2,076 | 1,982 | 1,264 | 114 | 153 | 61 | 21 | 369 | 94 | 46 | 48 |
| Below ground (total)..... | 4,024 | 3,971 | 3,705 | 196 | | | | 70 | 53 | 42 | 11 |
| Foremen, shift bosses, etc.— | | | | | | | | | | | |
| Above ground..... | 98 | 96 | 64 | 8 | 6 | 5 | 1 | 12 | 2 | 1 | 1 |
| Below ground..... | | | | | | | | | | | |
| Enginemen, hoistmen, electricians, mechanics, etc.— | 139 | 135 | 123 | 12 | | | | | | | |
| Above ground..... | 521 | 492 | 416 | 31 | 7 | 6 | 1 | 31 | 29 | 7 | 22 |
| Below ground..... | 196 | 195 | 183 | 12 | | | | | 1 | 1 | |
| Miners, quarrymen, and drillmen, including their helpers— | | | | | | | | | | | |
| Above ground..... | 262 | 257 | 45 | 5 | 100 | 23 | 8 | 76 | 5 | 5 | |
| Below ground..... | 2,379 | 2,344 | 2,262 | 66 | | | | 16 | 35 | 30 | 5 |
| Timbermen, trackmen, and men engaged in hauling, tramping, etc.— | | | | | | | | | | | |
| Above ground..... | 156 | 148 | 128 | 12 | | | | | 10 | 8 | |
| Below ground..... | 1,000 | 998 | 922 | 68 | | | | | 8 | 2 | |
| Muckers, loaders, laborers, and others not classified— | | | | | | | | | | | |
| Above ground..... | 688 | 638 | 440 | 18 | 40 | 16 | 2 | 113 | 50 | 25 | 25 |
| Below ground..... | 310 | 290 | 215 | 88 | | | | 46 | 11 | 7 | 4 |
| Wage earners employed in mills and beneficiating plants— | | | | | | | | | | | |
| Above ground..... | 351 | 351 | 164 | 40 | | 11 | 9 | 127 | | | |
| Number of females included in wage earners reported above— | | | | | | | | | 1 | 1 | |
| Above ground..... | 7 | 6 | 4 | 2 | | | | | | | |
| Number of wage earners under 16 years of age included in those reported above— | | | | | | | | | | | |
| Above ground..... | 3 | 3 | 3 | | | | | | | | |
| Mineral and oil land operated.....acres. | 79,426 | 73,061 | 65,940 | 3,007 | 212 | 157 | 1,784 | 1,961 | 6,335 | 2,881 | 3,934 |
| Land controlled, total.....acres. | 96,265 | 89,151 | 80,988 | 3,587 | 212 | 189 | 1,784 | 2,441 | 7,114 | 3,130 | 3,984 |
| Mineral and oil land owned..... | 60,509 | 48,404 | 44,388 | 2,257 | 188 | 157 | 123 | 1,311 | 2,105 | 1,911 | 194 |
| Mineral and oil land leased..... | 28,157 | 24,897 | 21,812 | 750 | 24 | | 1,661 | 650 | 4,260 | 470 | 3,790 |
| Timber and other lands owned and leased..... | 16,599 | 15,850 | 14,778 | 580 | | 32 | | 480 | 749 | 749 | |
| Power used: Aggregate horsepower..... | 88,933 | 38,198 | 32,190 | 2,122 | 1,020 | 246 | 295 | 2,325 | 735 | 545 | 190 |
| Prime movers (horsepower, total)..... | 24,892 | 24,332 | 20,857 | 1,269 | 980 | 176 | 295 | 755 | 560 | 370 | 190 |
| Steam engines— | | | | | | | | | | | |
| Number..... | 181 | 126 | 98 | 5 | 10 | 4 | 2 | 7 | 5 | 4 | 1 |
| Horsepower..... | 20,942 | 20,662 | 19,008 | 195 | 845 | 136 | 225 | 255 | 280 | 230 | 50 |
| Steam turbines— | | | | | | | | | | | |
| Number..... | 7 | 7 | 7 | | | | | | | | |
| Horsepower..... | 1,781 | 1,781 | 1,781 | | | | | | | | |
| Internal-combustion engines— | | | | | | | | | | | |
| Number..... | 51 | 41 | 5 | 20 | 3 | 2 | 4 | 7 | 10 | 3 | 7 |
| Horsepower..... | 1,789 | 1,539 | 70 | 724 | 135 | 40 | 70 | 500 | 250 | 110 | 140 |
| Water wheels and turbines— | | | | | | | | | | | |
| Number..... | 5 | 4 | 4 | | | | | | | | |
| Horsepower..... | 380 | 350 | | 350 | | | | | 30 | 30 | |
| Purchased power (horsepower, total)..... | 14,041 | 13,866 | 11,333 | 863 | 40 | 70 | | 1,570 | 175 | 175 | |
| Electric motors operated by purchased current— | | | | | | | | | | | |
| Number..... | 287 | 282 | 196 | 15 | 2 | 6 | | 63 | 5 | 5 | |
| Horsepower..... | 13,841 | 13,666 | 11,333 | 653 | 40 | 70 | | 1,570 | 175 | 175 | |
| Other equipment operated by purchased power— | | | | | | | | | | | |
| Horsepower..... | 200 | 200 | | 200 | | | | | | | |
| Electric motors run by current generated by enterprise using: | | | | | | | | | | | |
| Number..... | 315 | 315 | 315 | | | | | | | | |
| Horsepower..... | 10,619 | 10,619 | 10,619 | | | | | | | | |
| Fuel used: | | | | | | | | | | | |
| Coal, bituminous.....tons, 2,000 pounds. | 197,668 | 197,152 | 173,052 | 250 | 534 | 678 | 165 | 22,478 | 516 | 20 | 496 |
| Wood.....cords. | 3,109 | 2,747 | | 1,337 | 336 | 291 | 3 | 780 | 362 | | |
| Fuel oils.....barrels. | 47,095 | 47,095 | 23 | 564 | 3,180 | | 20 | 43,908 | | | |
| Gasoline and other volatile oils.....barrels. | 2,420 | 2,110 | 103 | 1,652 | 104 | 100 | 15 | 136 | 310 | 150 | 160 |
| Natural gas.....1,000 cubic feet. | 5,000 | | | | | | | | 5,000 | | 5,000 |

¹ Includes enterprises as follows: Asbestos, 1; clay, 4; gold, placer mines, 1; iron ore, 1; magnesite, 3; sandstone, 1; talc and soapstone, 1.² Includes enterprises as follows: Coal, bituminous, 2; petroleum and natural gas, 2.